

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
 Data File : BG040474.D
 Acq On : 12 Apr 2019 23:32
 Operator : JU/SJ
 Sample : PB118855BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 13 00:51:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	39498	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	153779	20.00	ng	-0.03
39) Acenaphthene-d10	14.67	164	102668	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	277627	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	328174	20.00	ng	-0.04
87) Perylene-d12	24.96	264	333783	20.00	ng	-0.07

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	314733	132.47	ng	-0.02
7) Phenol-d6	7.20	99	421388	128.33	ng	-0.02
23) Nitrobenzene-d5	9.22	82	257914	89.15	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	166979	150.49	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	606267	87.50	ng	-0.03
79) Terphenyl-d14	20.02	244	1201292	82.35	ng	-0.03

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.49	88	47506	42.522	ng	# 94
3) Pyridine	3.89	79	112747	37.482	ng	95
4) n-Nitrosodimethylamine	3.82	42	52499	37.731	ng	# 87
6) Aniline	7.37	93	101996	23.909	ng	98
8) 2-Chlorophenol	7.61	128	105389	37.892	ng	94
9) Benzaldehyde	7.19	77	56181	24.943	ng	98
10) Phenol	7.23	94	144934	40.665	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	104127	36.477	ng	99
12) 1,3-Dichlorobenzene	7.93	146	116783	38.626	ng	96
13) 1,4-Dichlorobenzene	8.08	146	118472	39.343	ng	95
14) 1,2-Dichlorobenzene	8.40	146	111999	38.893	ng	99
15) Benzyl Alcohol	8.29	79	91401	34.564	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	197806	36.106	ng	99
17) 2-Methylphenol	8.48	107	95455	38.705	ng	98
18) Hexachloroethane	9.12	117	41597	36.316	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	79435	33.741	ng	96
20) 3+4-Methylphenols	8.81	107	131646	39.403	ng	97
22) Acetophenone	8.88	105	157671	41.103	ng	# 97
24) Nitrobenzene	9.26	77	122947	41.038	ng	98
25) Isophorone	9.77	82	235393	39.543	ng	99
26) 2-Nitrophenol	9.97	139	56658	39.912	ng	95
27) 2,4-Dimethylphenol	10.02	122	111490	49.443	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	141791	40.261	ng	99
29) 2,4-Dichlorophenol	10.50	162	109908	44.905	ng	99
30) 1,2,4-Trichlorobenzene	10.71	180	112048	41.692	ng	95
31) Naphthalene	10.91	128	335774	42.599	ng	98
32) Benzoic acid	10.16	122	6642	4.875	ng	96
33) 4-Chloroaniline	11.03	127	89538	26.631	ng	98
34) Hexachlorobutadiene	11.17	225	65269	37.974	ng	94
35) Caprolactam	11.80	113	42169	43.416	ng	94
36) 4-Chloro-3-methylphenol	12.14	107	128416	45.639	ng	98
37) 2-Methylnaphthalene	12.51	142	255618	43.848	ng	97
38) 1-Methylnaphthalene	12.72	142	242648	42.924	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	128111	39.260	ng	98

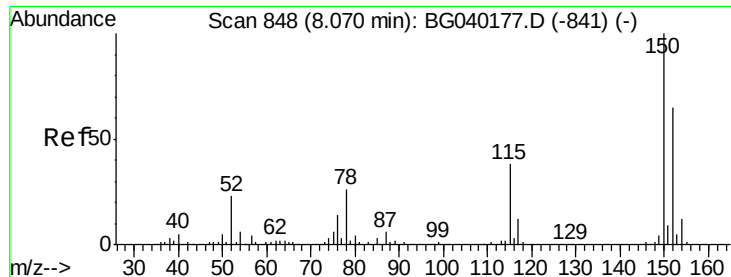
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041219\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	132615	74.016	ng	97
43) 2,4,6-Trichlorophenol	13.11	196	88293	41.967	ng	99
44) 2,4,5-Trichlorophenol	13.19	196	99369	43.333	ng	98
46) 1,1'-Biphenyl	13.51	154	324979	40.061	ng	100
47) 2-Chloronaphthalene	13.56	162	255586	41.075	ng	99
48) 2-Nitroaniline	13.77	65	92578	44.108	ng	95
49) Acenaphthylene	14.40	152	437250	41.445	ng	98
50) Dimethylphthalate	14.12	163	339857	42.296	ng	98
51) 2,6-Dinitrotoluene	14.26	165	76823	42.580	ng	95
52) Acenaphthene	14.74	154	253429	41.921	ng	98
53) 3-Nitroaniline	14.59	138	61145	32.017	ng	93
54) 2,4-Dinitrophenol	14.80	184	30965	32.272	ng	91
55) Dibenzofuran	15.07	168	421066	43.346	ng	99
56) 4-Nitrophenol	14.90	139	122831	79.690	ng	99
57) 2,4-Dinitrotoluene	15.04	165	112507	44.878	ng	98
58) Fluorene	15.72	166	331151	43.359	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	98666	47.415	ng	97
60) Diethylphthalate	15.48	149	364277	44.303	ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	176596	43.258	ng	98
62) 4-Nitroaniline	15.76	138	94385	46.052	ng	99
63) Azobenzene	16.00	77	342490	44.159	ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	41863	26.839	ng	98
66) n-Nitrosodiphenylamine	15.93	169	321998	39.635	ng	96
67) 4-Bromophenyl-phenylether	16.60	248	119691	38.310	ng	99
68) Hexachlorobenzene	16.71	284	123509	39.318	ng	95
69) Atrazine	16.87	200	123090	40.730	ng	97
70) Pentachlorophenol	17.07	266	102000	56.164	ng	94
71) Phenanthrene	17.47	178	608961	41.731	ng	99
72) Anthracene	17.55	178	624358	42.747	ng	100
73) Carbazole	17.83	167	607436	43.944	ng	98
74) Di-n-butylphthalate	18.36	149	717727	43.804	ng	100
75) Fluoranthene	19.47	202	809394	46.841	ng	100
77) Benzidine	19.66	184	279714	23.603	ng	97
78) Pyrene	19.83	202	820766	38.032	ng	99
80) Butylbenzylphthalate	20.70	149	372365	40.322	ng	94
81) Benzo(a)anthracene	21.67	228	795968	39.378	ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	199186	25.904	ng	100
83) Chrysene	21.74	228	773959	39.840	ng	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	537195	40.694	ng	100
85) Di-n-octyl phthalate	22.76	149	931657	41.423	ng	99
86) Indeno(1,2,3-cd)pyrene	28.72	276	944412	39.748	ng	# 92
88) Benzo(b)fluoranthene	23.92	252	849468	41.568	ng	99
89) Benzo(k)fluoranthene	23.99	252	830758	44.206	ng	98
90) Benzo(a)pyrene	24.81	252	840534	43.838	ng	99
91) Dibenzo(a,h)anthracene	28.79	278	752472	42.255	ng	98
92) Benzo(g,h,i)perylene	29.90	276	770762	42.116	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

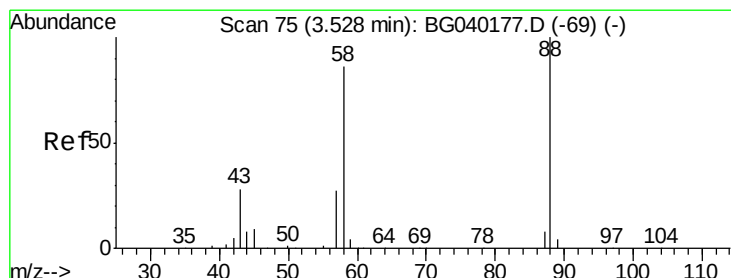
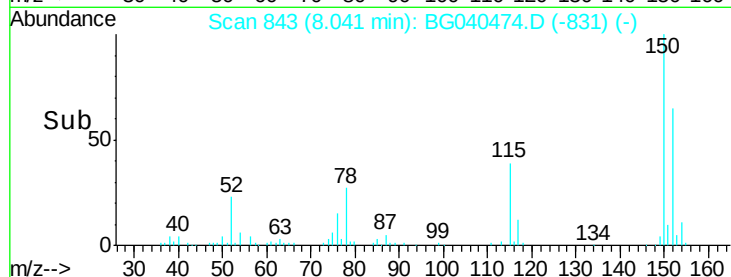
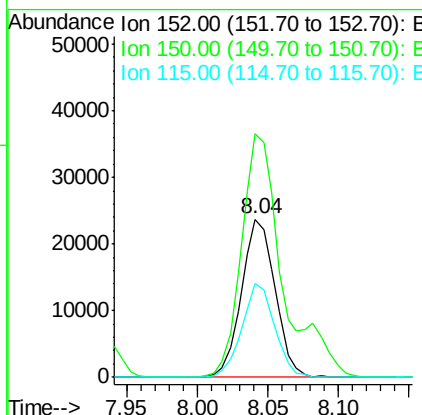
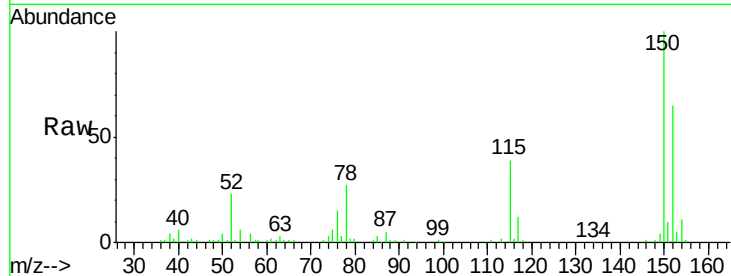


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040474.D
Acq: 12 Apr 2019 23:32

Instrument :
BNA_G
ClientSampled :

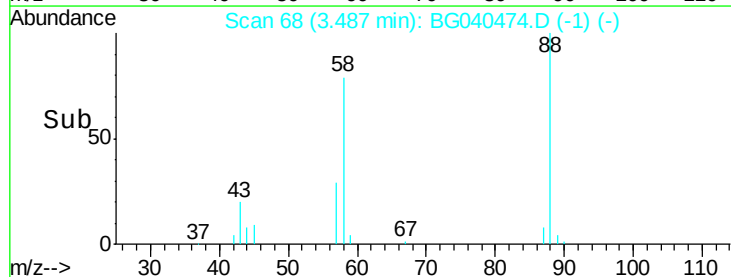
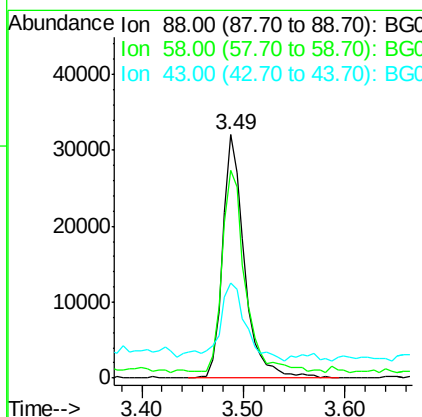
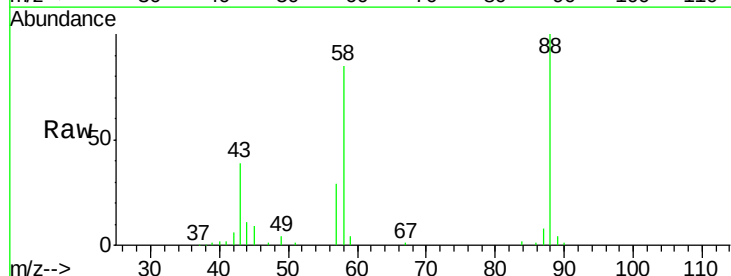
Tot Ion:152 Resp: 39498
Ion Ratio Lower Upper
152 100
150 154.0 123.7 185.5
115 59.4 46.9 70.3

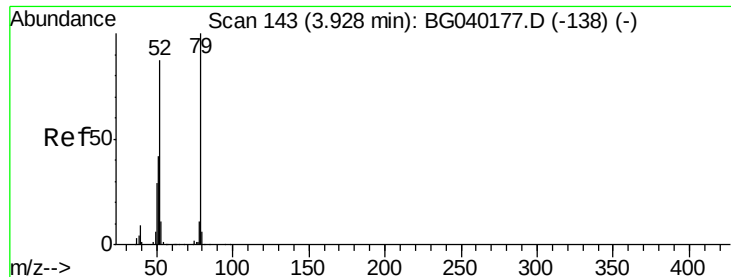


#2

1,4-Dioxane
Concen: 42.522 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.04 min
Lab File: BG040474.D
Acq: 12 Apr 2019 23:32

Tgt Ion: 88 Resp: 47506
Ion Ratio Lower Upper
88 100
58 85.7 70.6 106.0
43 39.6 24.8 37.2#





#3

Pvridine

Concen: 37.482 ng

RT: 3.89 min Scan# 137

Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Instrument :

BNA_G

ClientSampleId :

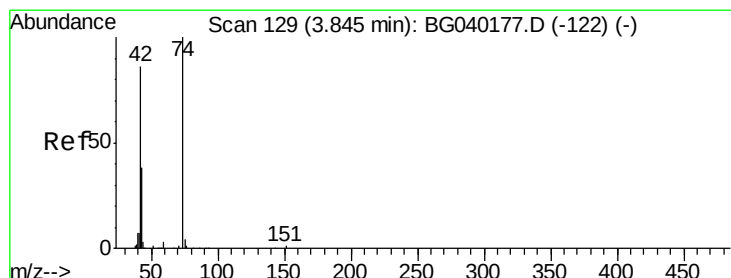
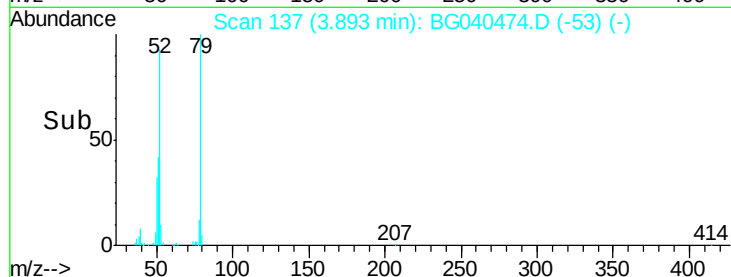
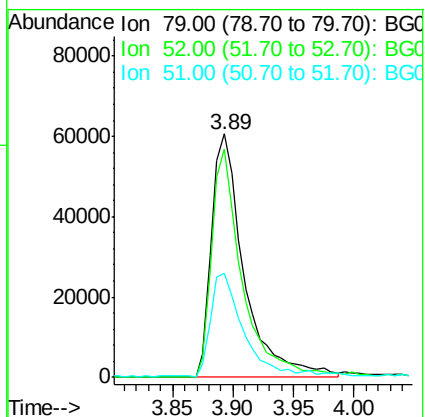
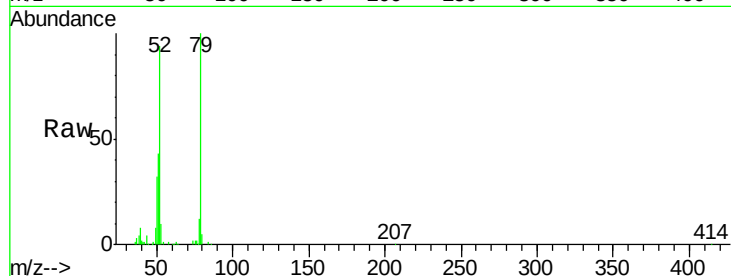
Tot Ion: 79 Resp: 112747

Ion Ratio Lower Upper

79 100

52 93.6 69.8 104.8

51 42.6 33.9 50.9



#4

n-Nitrosodimethylamine

Concen: 37.731 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

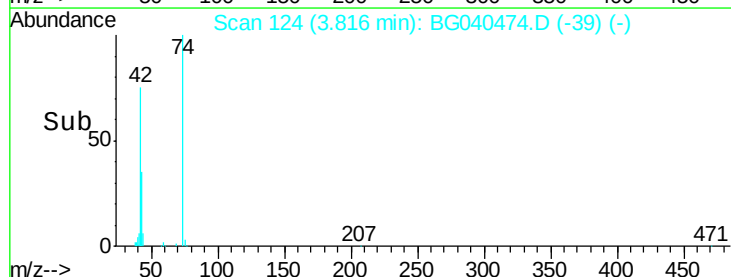
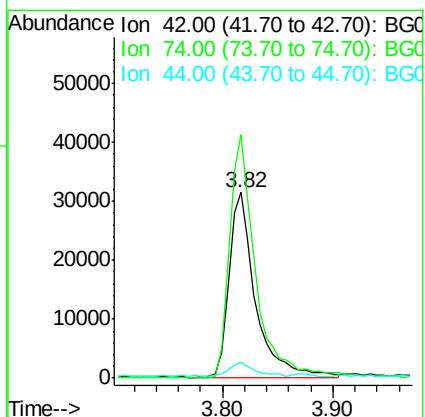
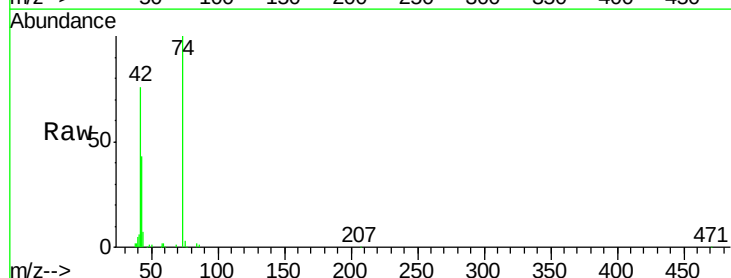
Tgt Ion: 42 Resp: 52499

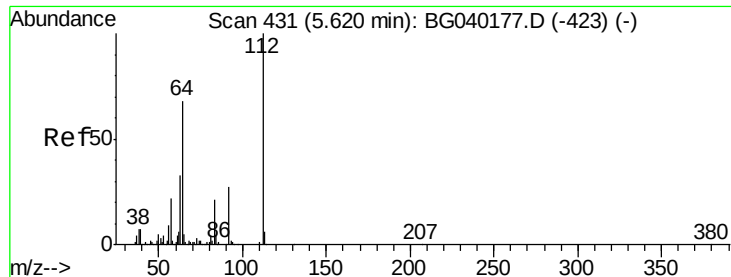
Ion Ratio Lower Upper

42 100

74 131.0 92.9 139.3

44 8.7 9.7 14.5#





#5

2-Fluorophenol

Concen: 132.466 ng

RT: 5.60 min Scan# 428

Delta R.T. -0.02 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Instrument :

BNA_G

ClientSampleId :

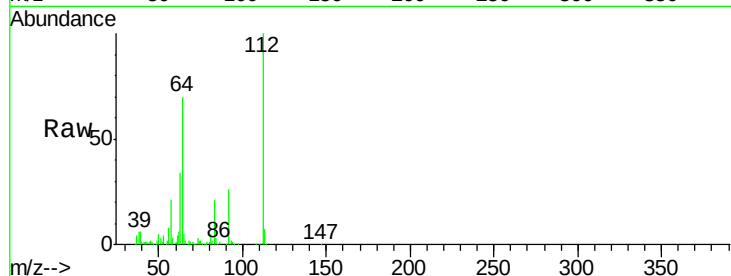
Tot Ion:112 Resp: 314733

Ion Ratio Lower Upper

112 100

64 69.6 54.2 81.2

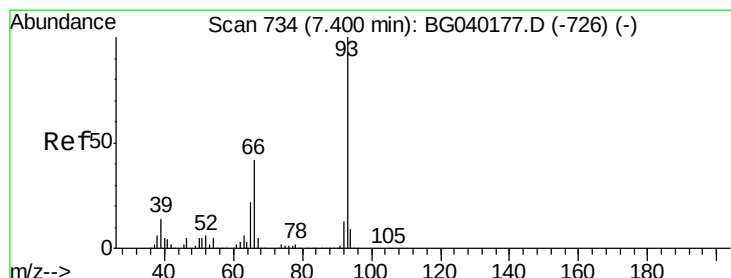
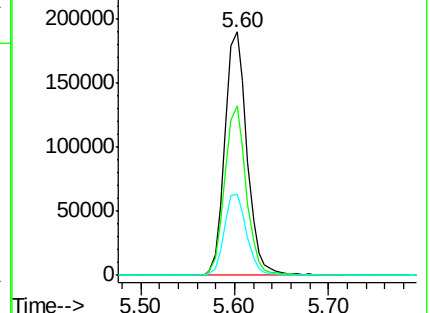
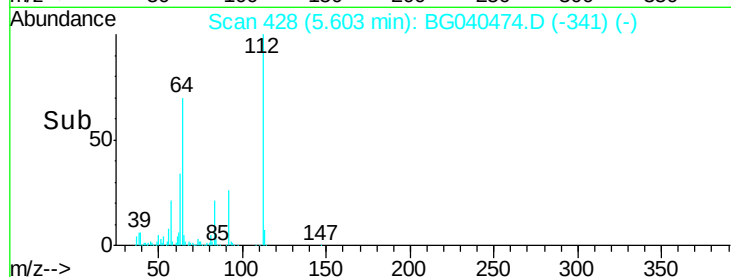
63 33.5 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 23.909 ng

RT: 7.37 min Scan# 729

Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

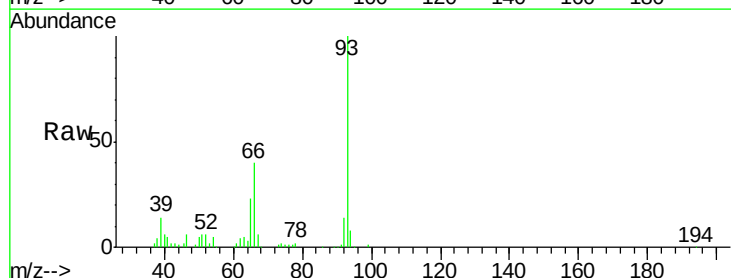
Tgt Ion: 93 Resp: 101996

Ion Ratio Lower Upper

93 100

66 40.4 33.6 50.4

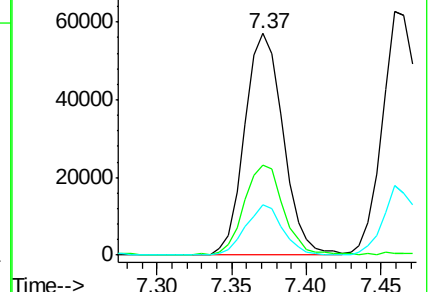
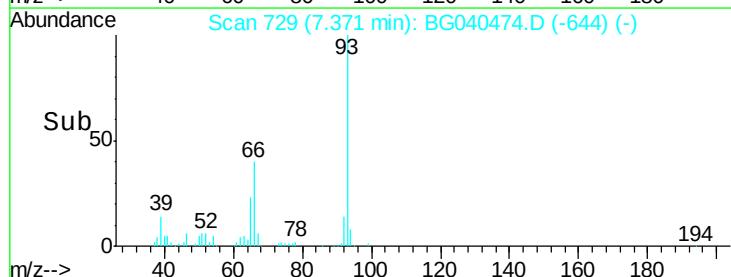
65 22.9 17.4 26.2

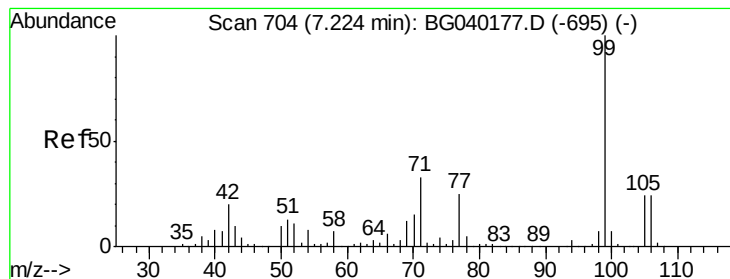


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 128.331 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Instrument :

BNA_G

ClientSampleId :

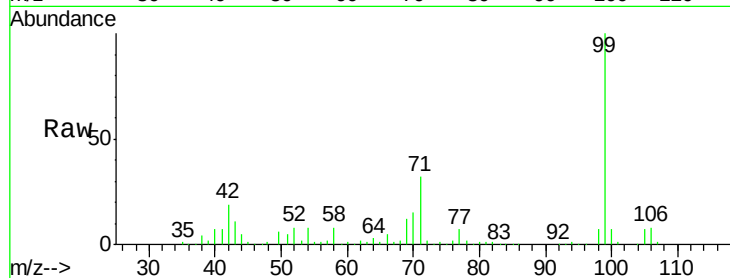
Tot Ion: 99 Resp: 421388

Ion Ratio Lower Upper

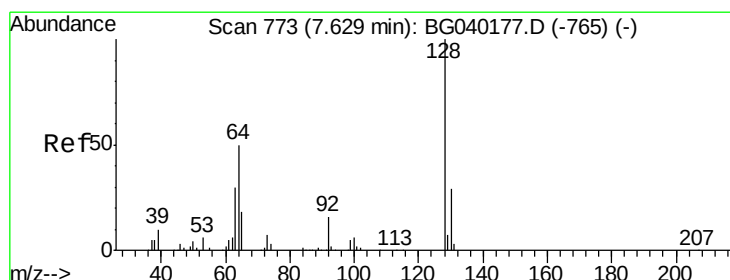
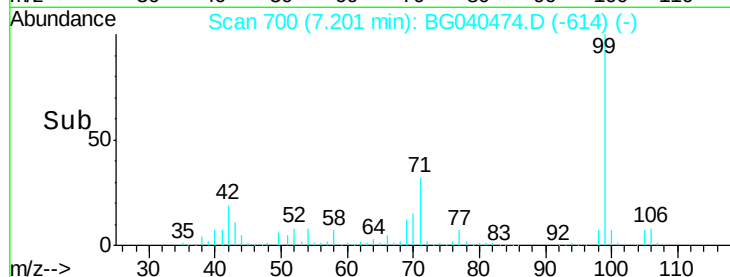
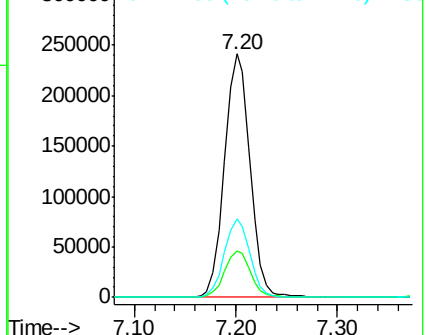
99 100

42 19.2 16.2 24.2

71 32.1 26.8 40.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 37.892 ng

RT: 7.61 min Scan# 769

Delta R.T. -0.02 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

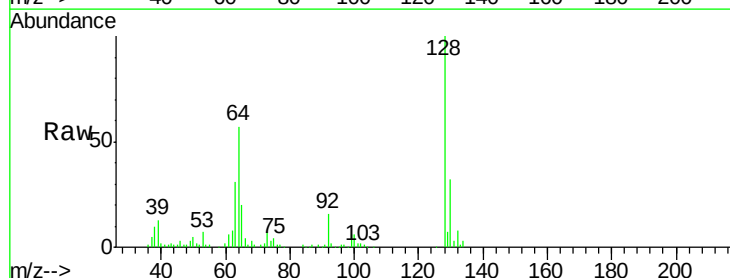
Tgt Ion: 128 Resp: 105389

Ion Ratio Lower Upper

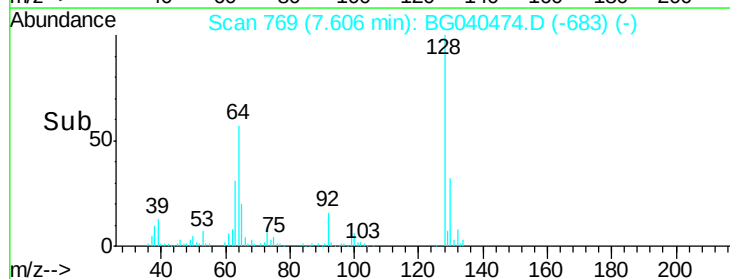
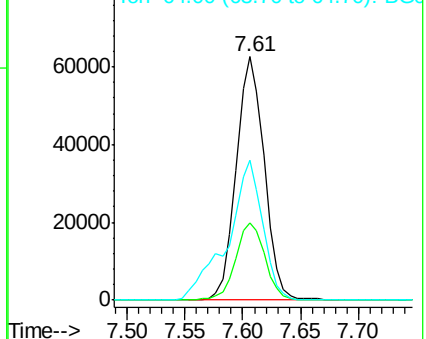
128 100

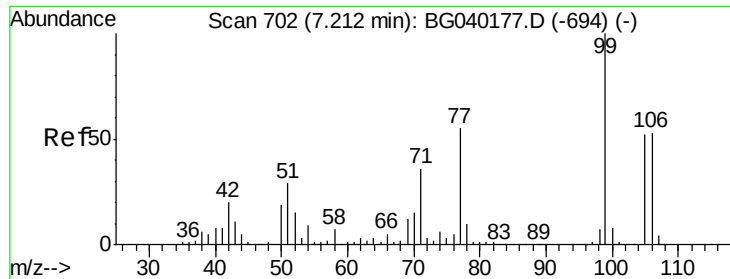
130 31.9 9.1 49.1

64 57.2 33.1 73.1



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC

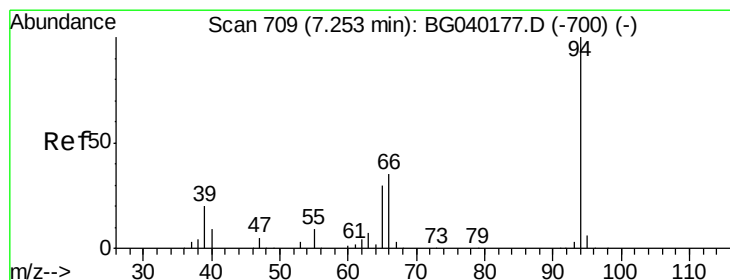
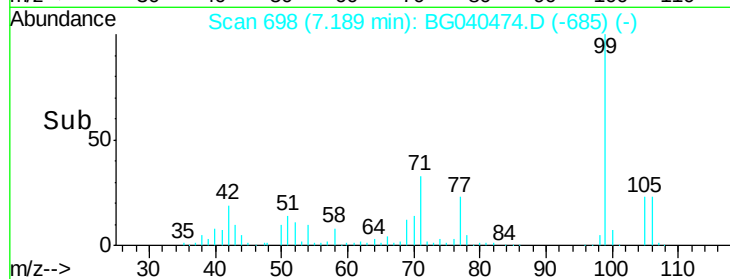
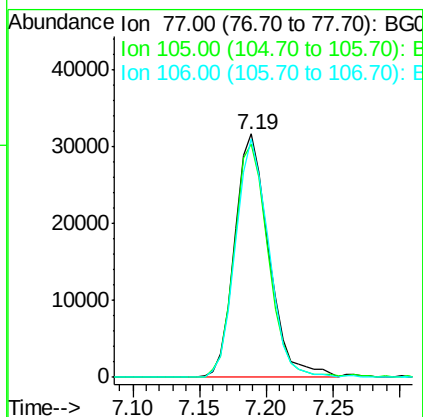
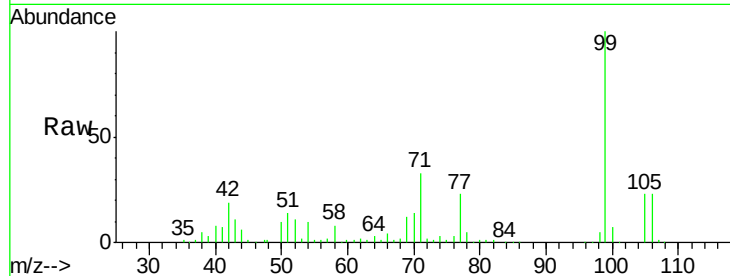




#9
Benzaldehyde
Concen: 24.943 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.02 min
Lab File: BG040474.D
Acq: 12 Apr 2019 23:32

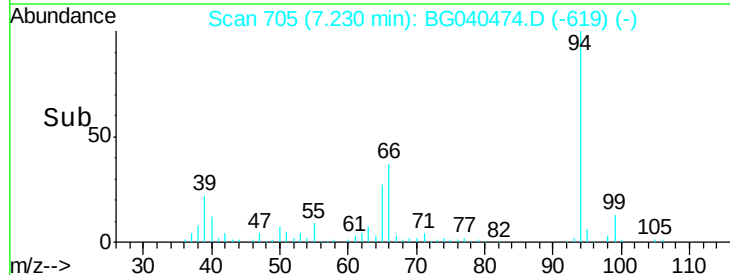
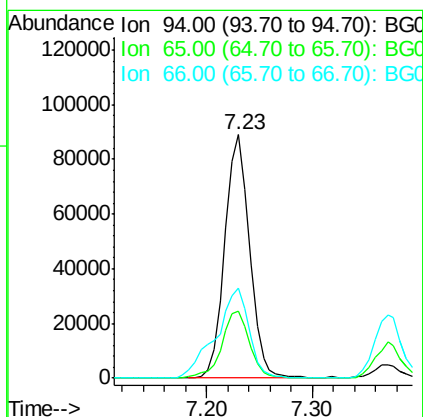
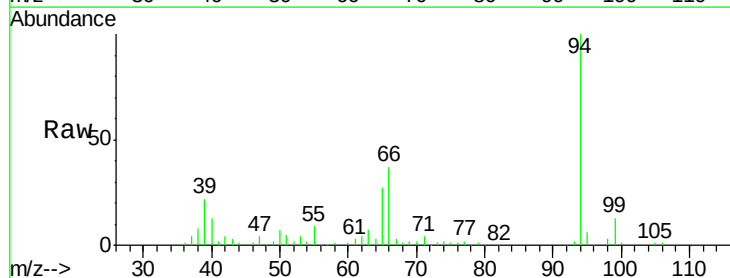
Instrument :
BNA_G
ClientSampleId :

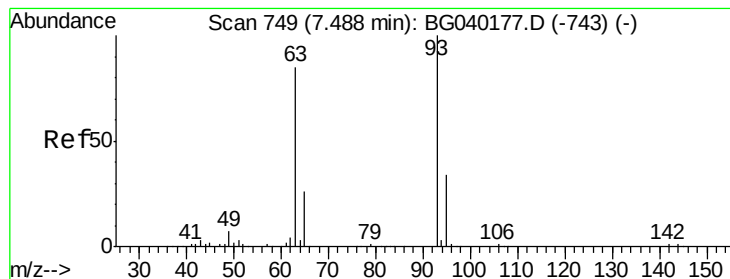
Tot Ion: 77 Resp: 56181
Ion Ratio Lower Upper
77 100
105 96.0 75.0 115.0
106 97.9 75.7 115.7



#10
Phenol
Concen: 40.665 ng
RT: 7.23 min Scan# 705
Delta R.T. -0.02 min
Lab File: BG040474.D
Acq: 12 Apr 2019 23:32

Tgt Ion: 94 Resp: 144934
Ion Ratio Lower Upper
94 100
65 27.3 10.5 50.5
66 37.1 16.9 56.9





#11

bis(2-Chloroethyl)ether

Concen: 36.477 ng

RT: 7.46 min Scan# 744

Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Instrument :

BNA_G

ClientSampleId :

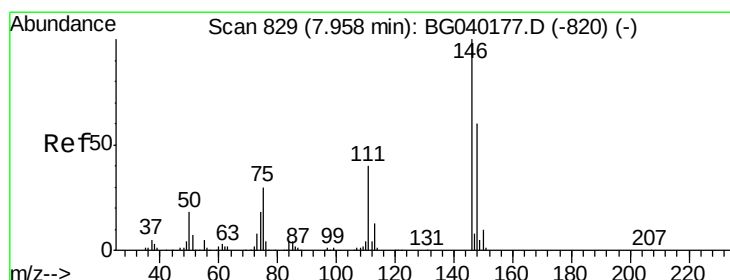
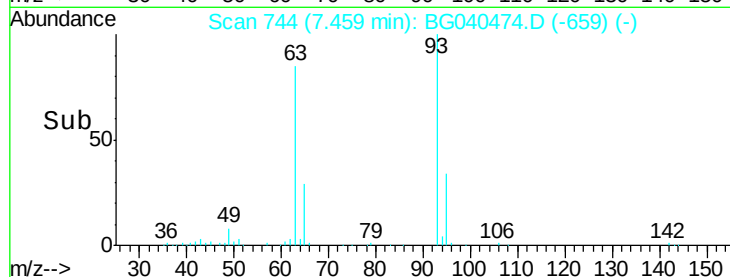
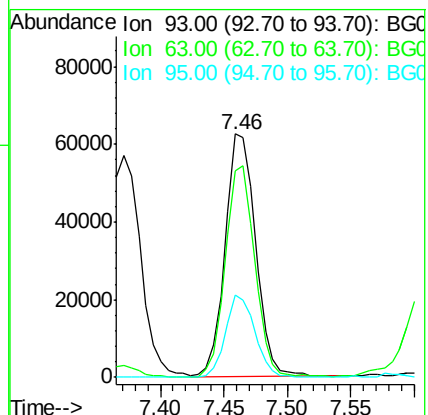
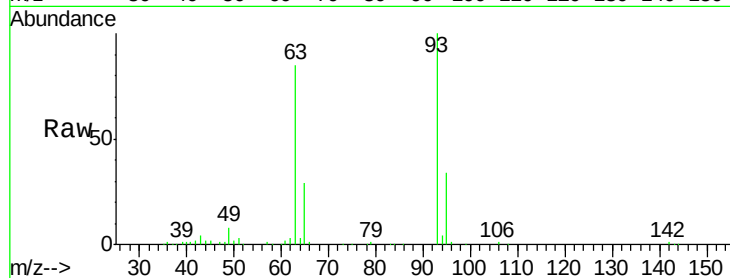
Tot Ion: 93 Resp: 104127

Ion Ratio Lower Upper

93 100

63 84.6 64.2 104.2

95 33.6 14.0 54.0



#12

1,3-Dichlorobenzene

Concen: 38.626 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

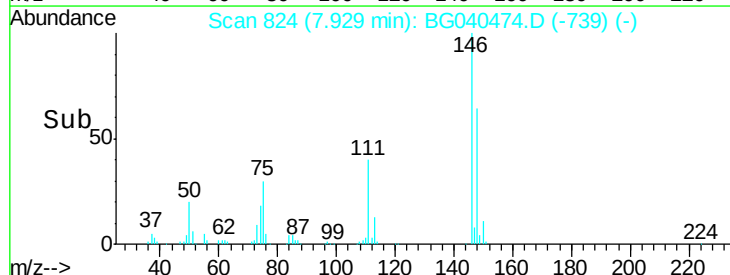
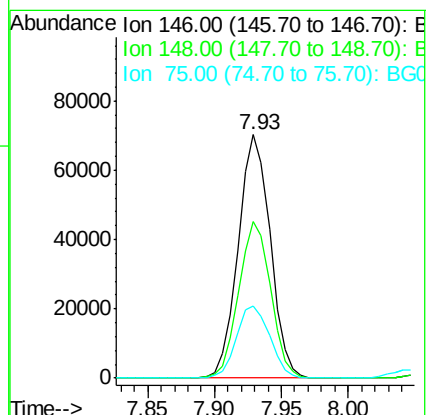
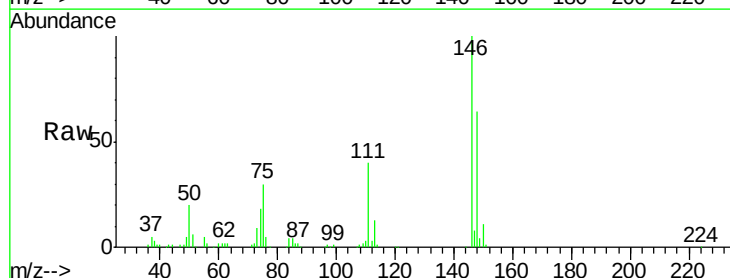
Tgt Ion: 146 Resp: 116783

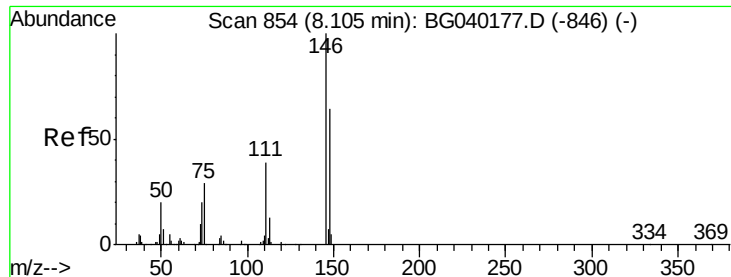
Ion Ratio Lower Upper

146 100

148 64.5 48.2 72.2

75 29.8 24.1 36.1

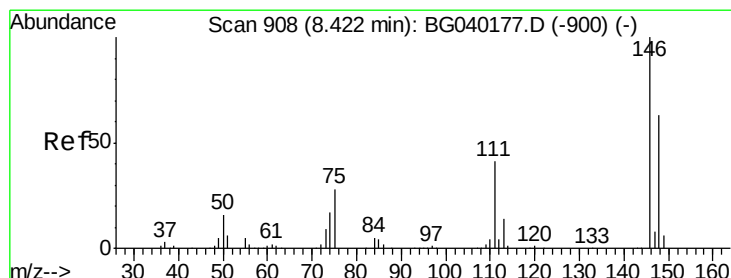
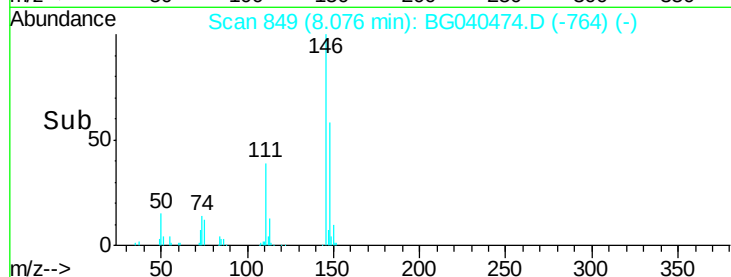
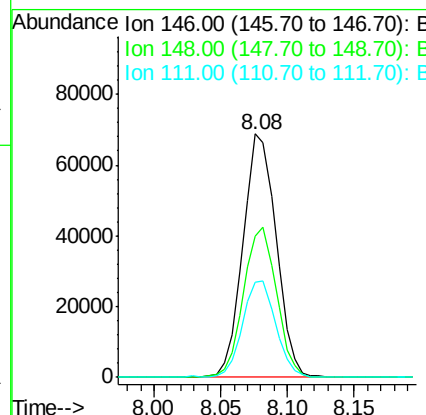
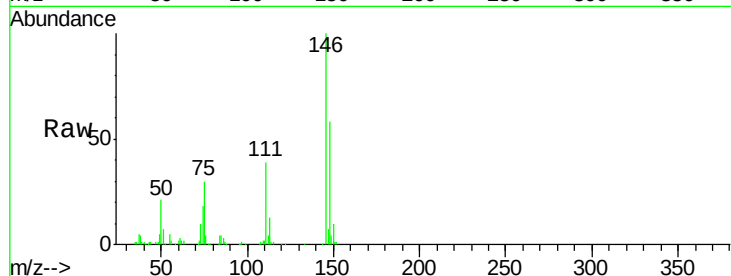




#13
 1,4-Dichlorobenzene
 Concen: 39.343 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BG040474.D
 Acq: 12 Apr 2019 23:32

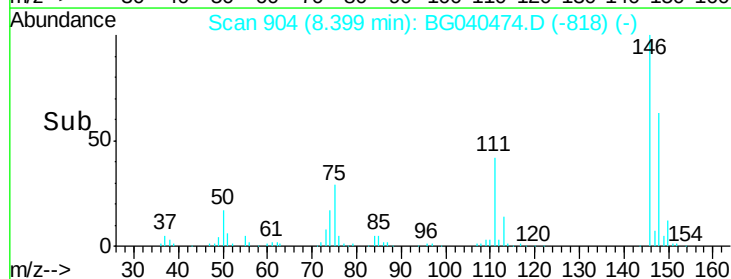
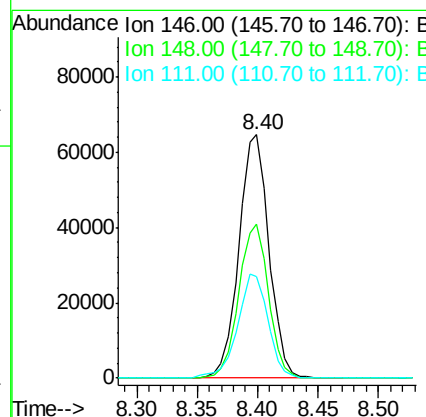
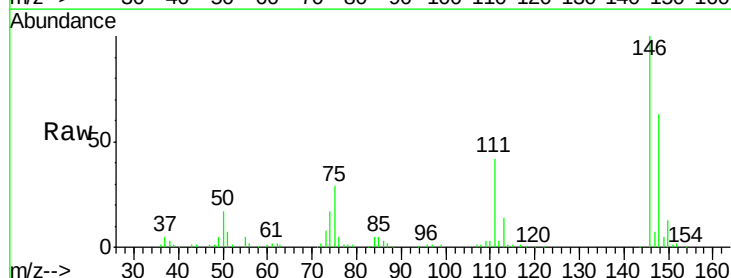
Instrument :
 BNA_G
 ClientSampleId :

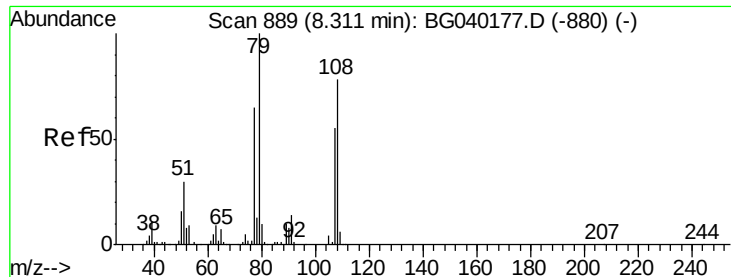
Tot Ion:146 Resp: 118472
 Ion Ratio Lower Upper
 146 100
 148 58.0 51.0 76.4
 111 39.0 31.8 47.6



#14
 1,2-Dichlorobenzene
 Concen: 38.893 ng
 RT: 8.40 min Scan# 904
 Delta R.T. -0.02 min
 Lab File: BG040474.D
 Acq: 12 Apr 2019 23:32

Tgt Ion:146 Resp: 111999
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.8 76.2
 111 42.0 33.4 50.0





#15

Benzyl Alcohol

Concen: 34.564 ng

RT: 8.29 min Scan# 885

Delta R.T. -0.02 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Instrument :

BNA_G

ClientSampleId :

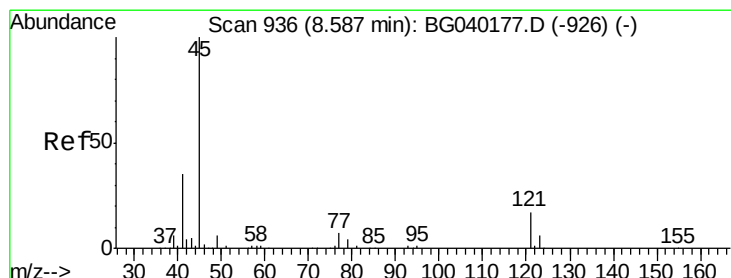
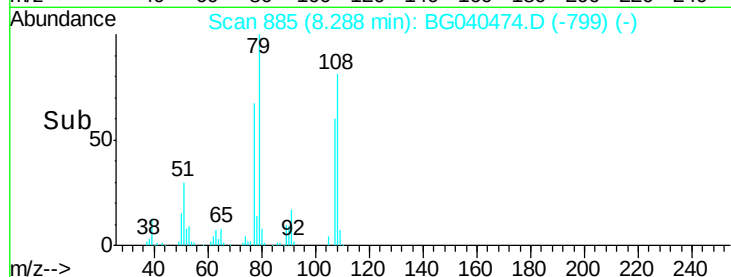
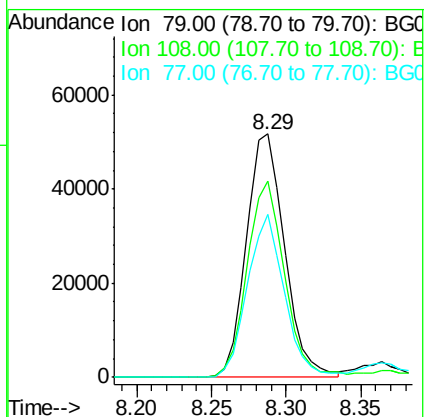
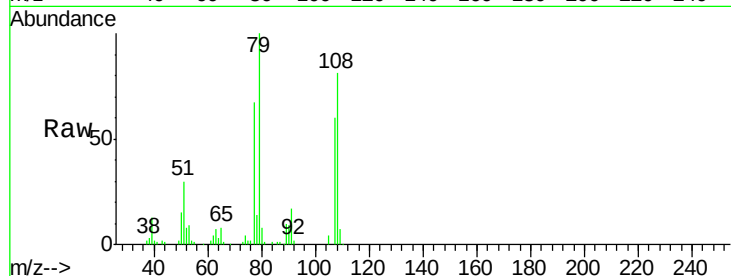
Tot Ion: 79 Resp: 91401

Ion Ratio Lower Upper

79 100

108 80.9 62.1 93.1

77 66.7 51.9 77.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.106 ng

RT: 8.56 min Scan# 932

Delta R.T. -0.02 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

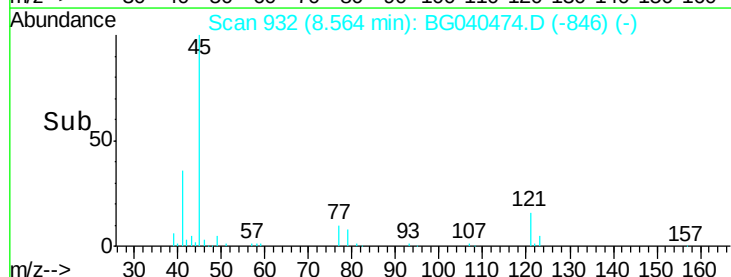
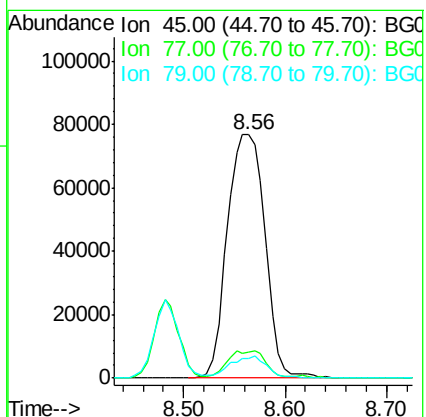
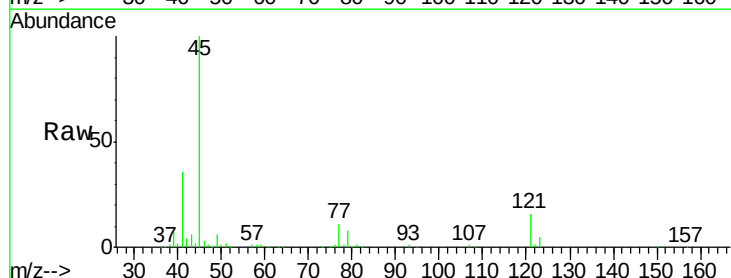
Tgt Ion: 45 Resp: 197806

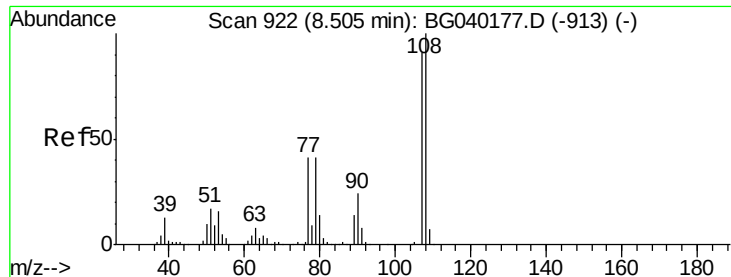
Ion Ratio Lower Upper

45 100

77 10.7 0.0 31.4

79 8.2 0.0 28.3

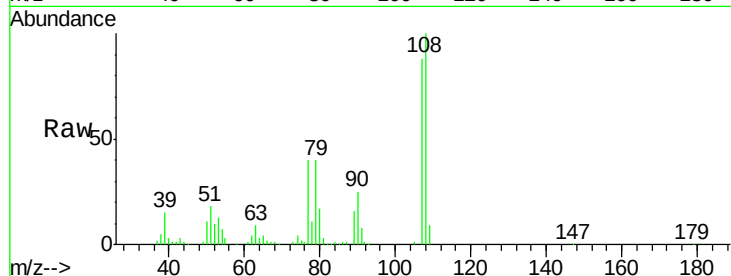




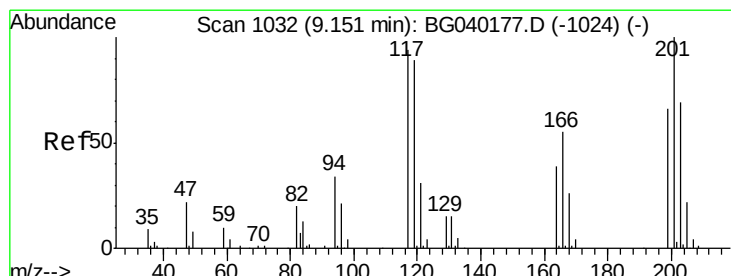
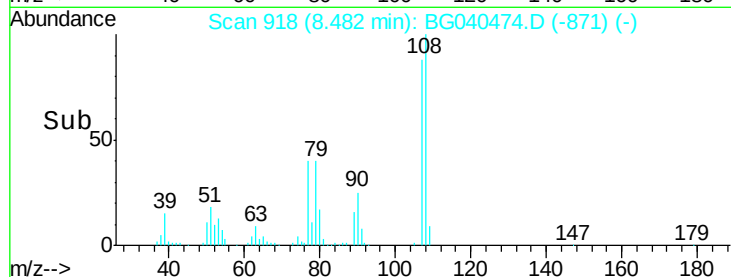
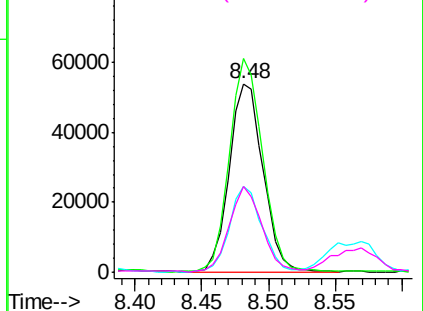
#17
2-Methylphenol
Concen: 38.705 ng
RT: 8.48 min Scan# 918
Delta R.T. -0.02 min
Lab File: BG040474.D
Acq: 12 Apr 2019 23:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	107	Resp:	95455
Ion	Ratio	Lower	Upper
107	100		
108	113.4	88.2	132.4
77	45.7	36.6	55.0
79	45.6	36.5	54.7

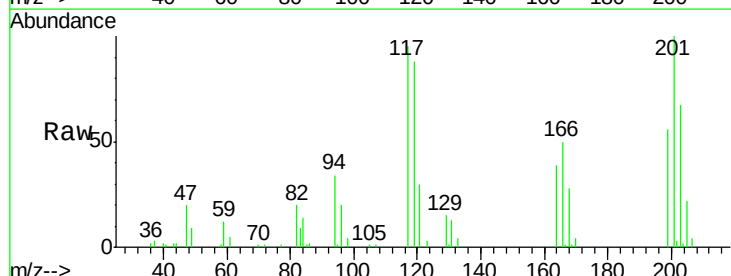


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

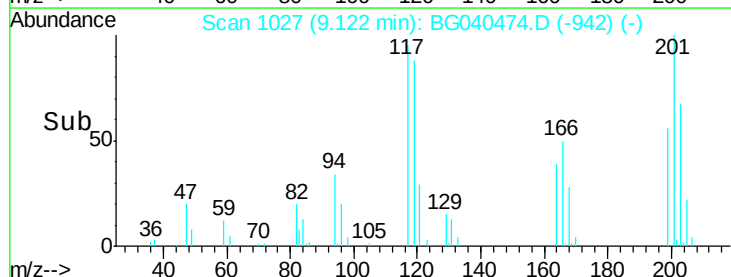
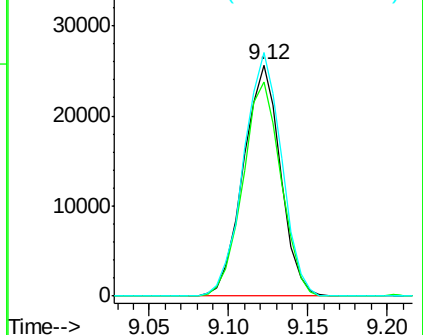


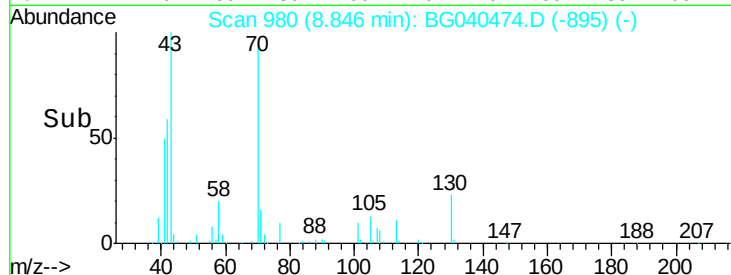
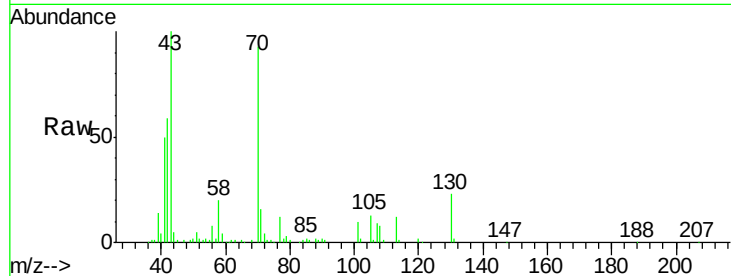
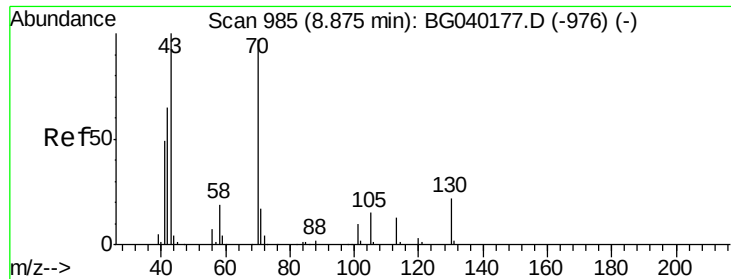
#18
Hexachloroethane
Concen: 36.316 ng
RT: 9.12 min Scan# 1027
Delta R.T. -0.03 min
Lab File: BG040474.D
Acq: 12 Apr 2019 23:32

Tgt Ion:	117	Resp:	41597
Ion	Ratio	Lower	Upper
117	100		
119	92.6	76.6	115.0
201	105.5	85.0	127.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

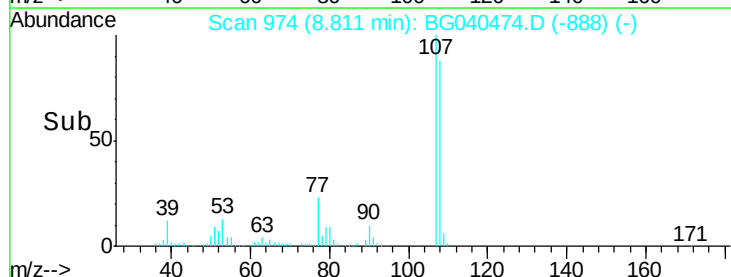
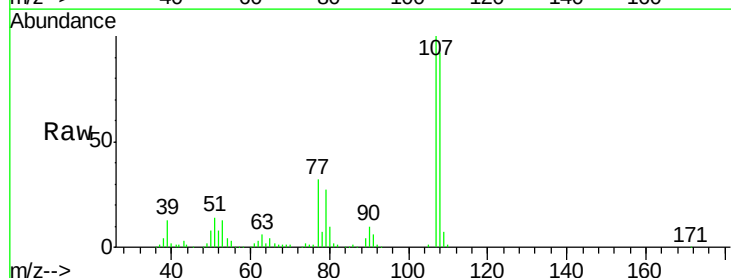
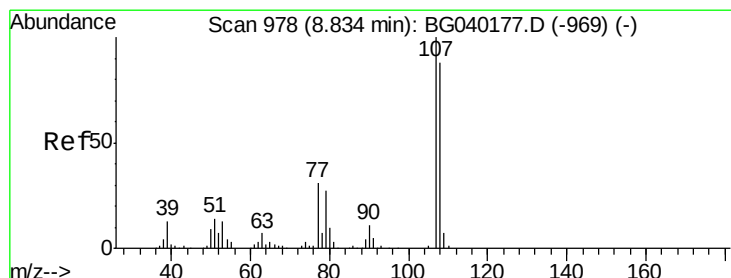
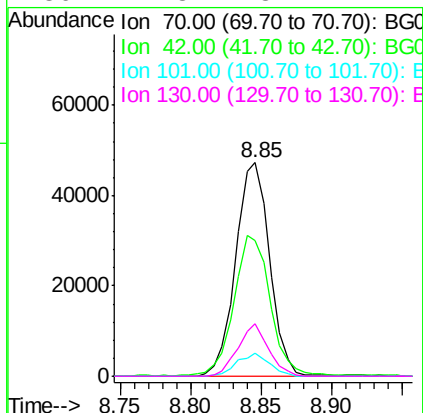




#19
n-Nitroso-di-n-propylamine
Concen: 33.741 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.03 min
Lab File: BG040474.D
Acq: 12 Apr 2019 23:32

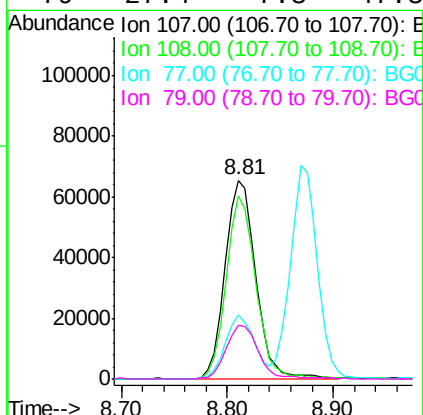
Instrument :
BNA_G
ClientSampleId :

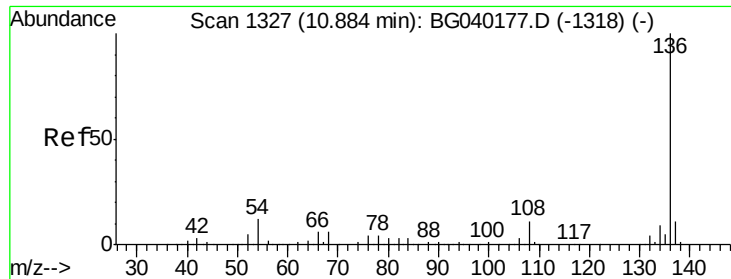
Tot Ion:	70	Resp:	79435
Ion	Ratio	Lower	Upper
70	100		
42	63.8	54.0	81.0
101	11.0	8.6	13.0
130	24.8	18.2	27.2



#20
3+4-Methylphenols
Concen: 39.403 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.02 min
Lab File: BG040474.D
Acq: 12 Apr 2019 23:32

Tgt Ion:	107	Resp:	131646
Ion	Ratio	Lower	Upper
107	100		
108	92.5	68.3	108.3
77	32.3	11.3	51.3
79	27.4	7.3	47.3

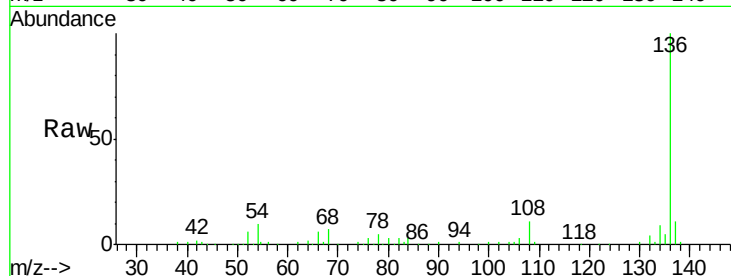




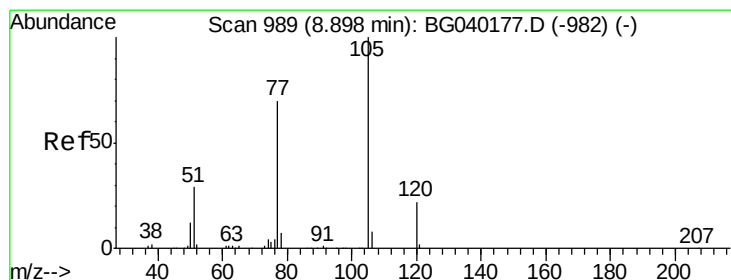
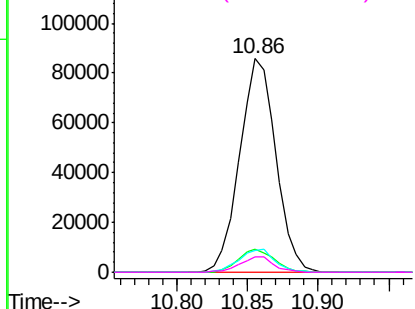
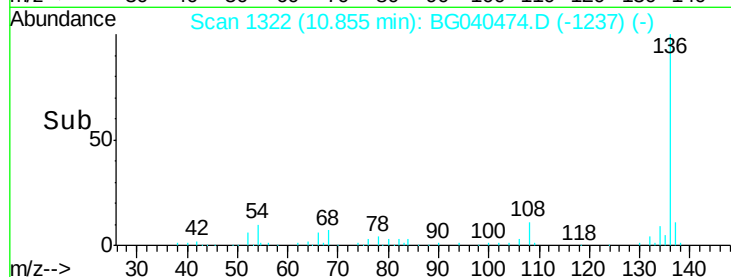
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040474.D
Acq: 12 Apr 2019 23:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	153779
Ion Ratio	Lower	Upper
136 100		
137 10.9	8.9	13.3
54 10.8	9.6	14.4
68 7.1	5.1	7.7

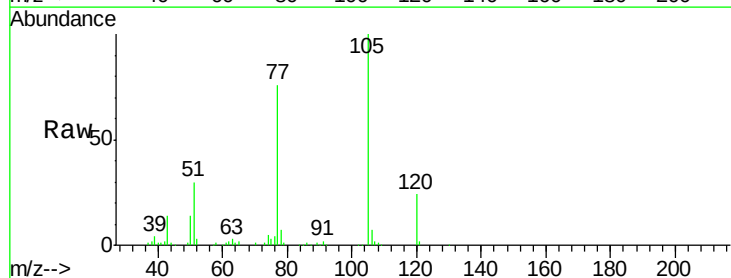


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

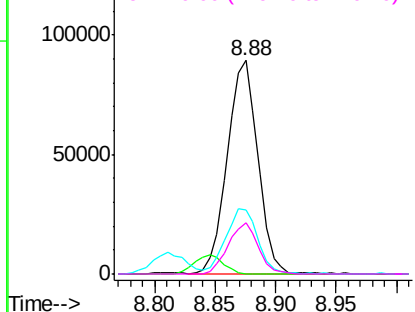
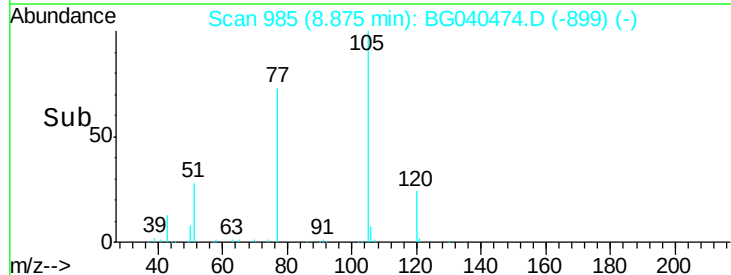


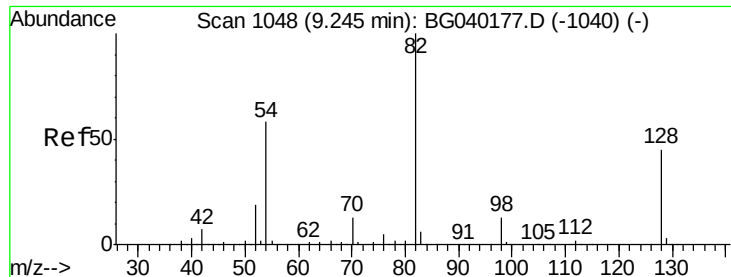
#22
Acetophenone
Concen: 41.103 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.02 min
Lab File: BG040474.D
Acq: 12 Apr 2019 23:32

Tgt	Ion:105	Resp:	157671
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	29.8	25.1	37.7
120	23.7	17.6	26.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

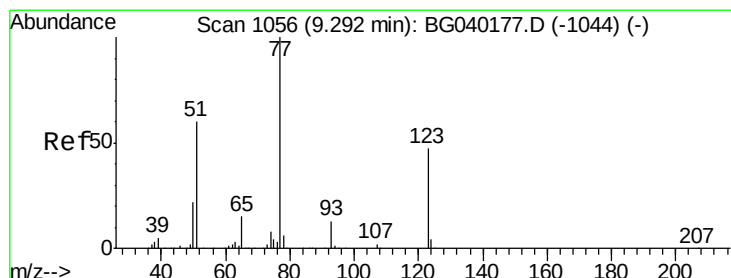
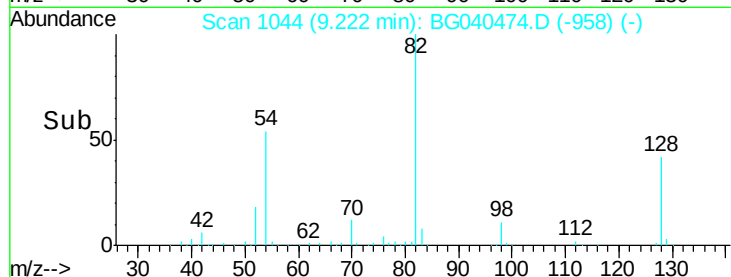
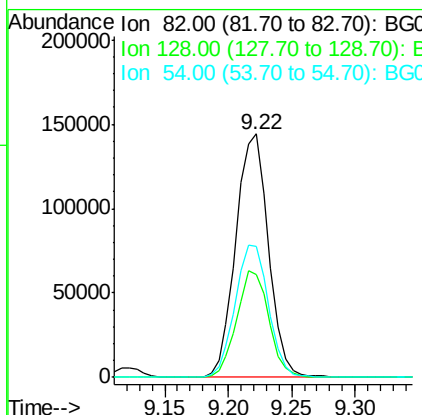
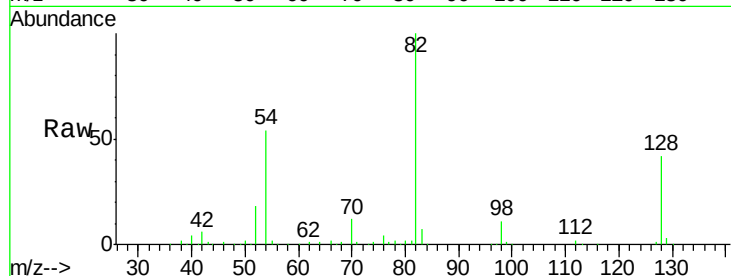




#23
 Nitrobenzene-d5
 Concen: 89.147 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BG040474.D
 Acq: 12 Apr 2019 23:32

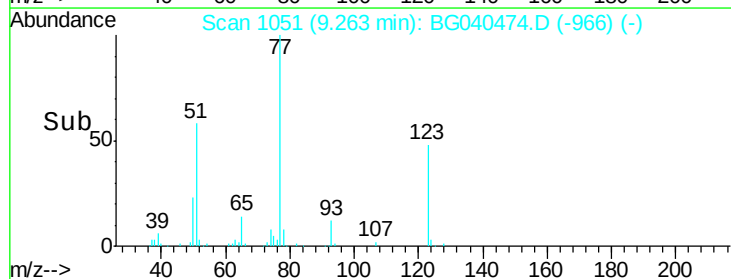
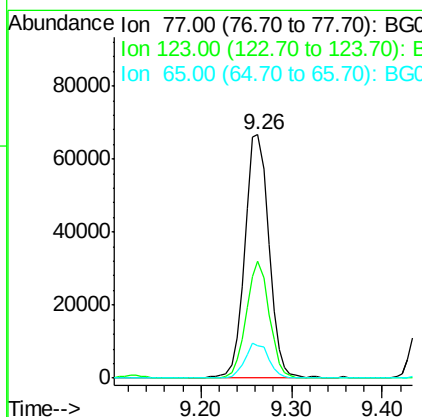
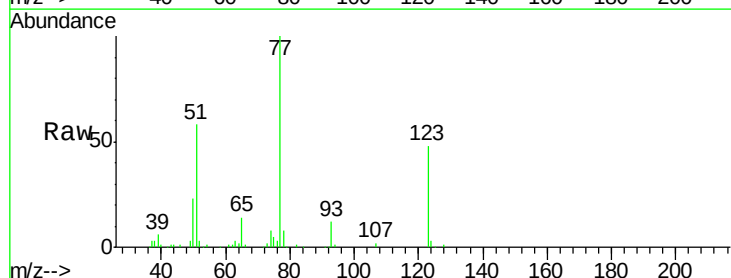
Instrument :
 BNA_G
 ClientSampled :

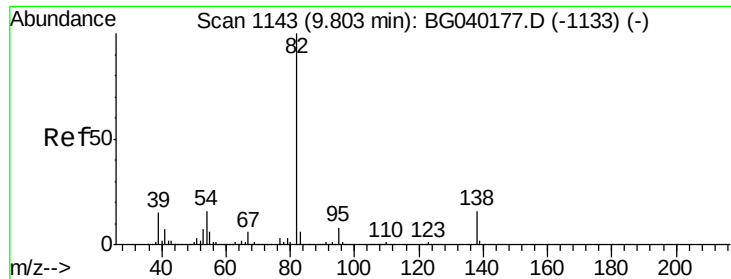
Tot Ion: 82 Resp: 257914
 Ion Ratio Lower Upper
 82 100
 128 42.3 35.8 53.8
 54 53.9 46.2 69.2



#24
 Nitrobenzene
 Concen: 41.038 ng
 RT: 9.26 min Scan# 1051
 Delta R.T. -0.03 min
 Lab File: BG040474.D
 Acq: 12 Apr 2019 23:32

Tgt Ion: 77 Resp: 122947
 Ion Ratio Lower Upper
 77 100
 123 48.1 37.8 56.6
 65 13.5 12.0 18.0





#25

Isophorone

Concen: 39.543 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Instrument :

BNA_G

ClientSampleId :

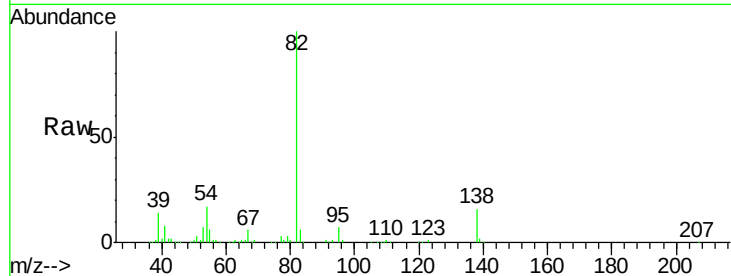
Tot Ion: 82 Resp: 235393

Ion Ratio Lower Upper

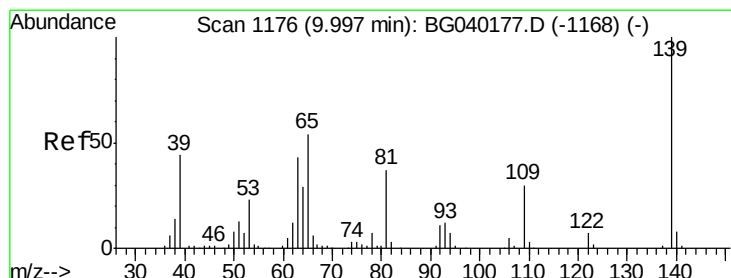
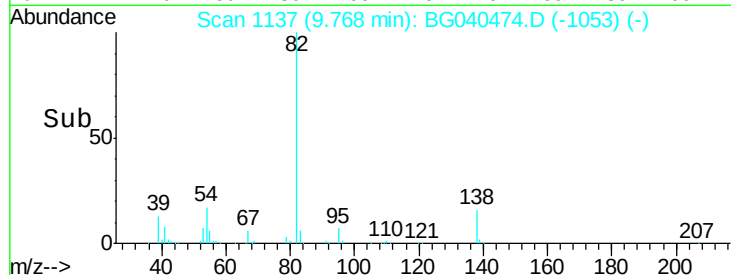
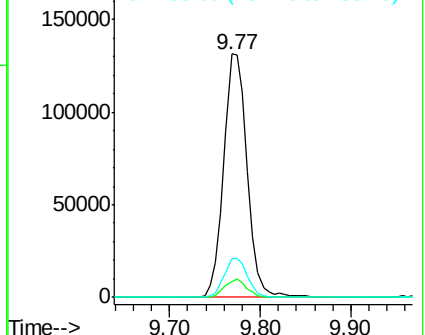
82 100

95 6.6 6.1 9.1

138 16.2 13.2 19.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 39.912 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

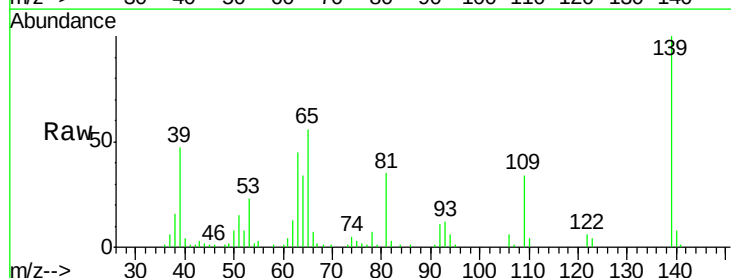
Tgt Ion: 139 Resp: 56658

Ion Ratio Lower Upper

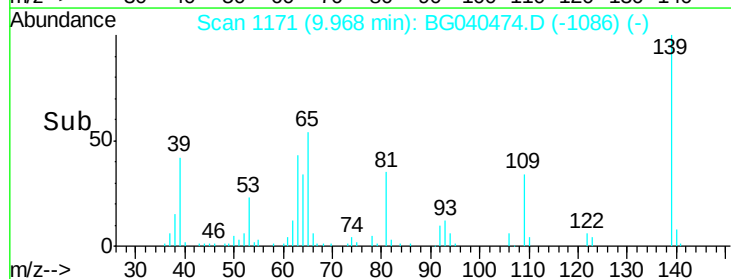
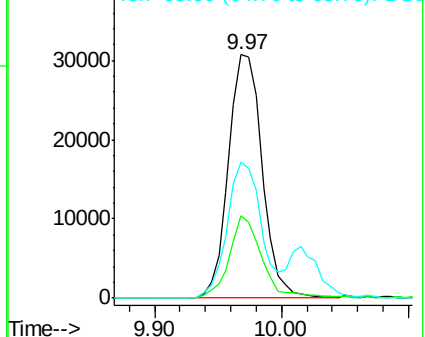
139 100

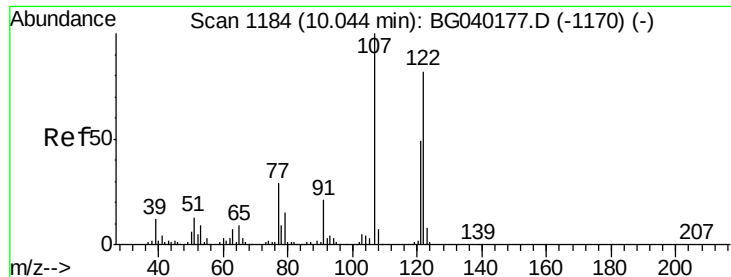
109 34.1 24.1 36.1

65 56.1 43.0 64.6



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

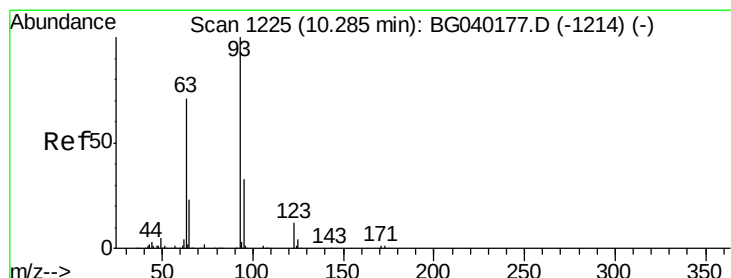
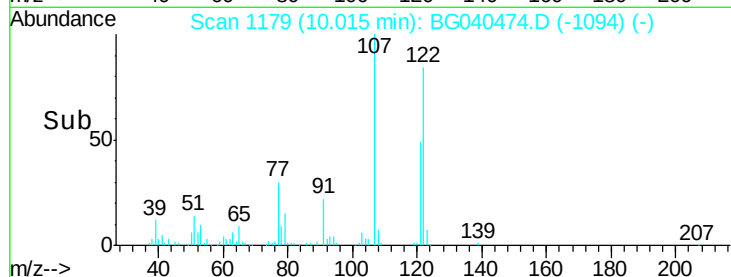
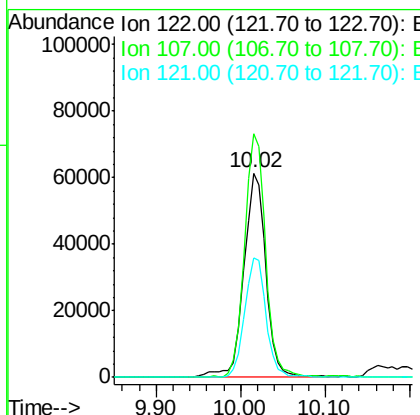
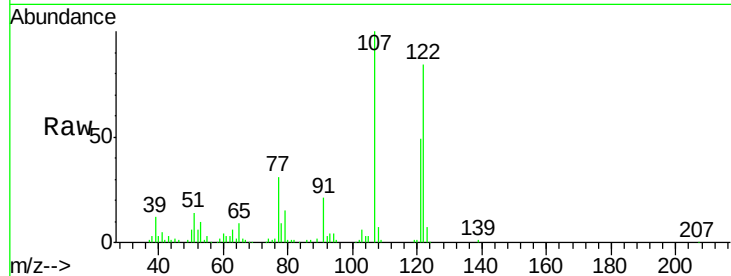




#27
 2,4-Dimethylphenol
 Concen: 49.443 ng
 RT: 10.02 min Scan# 1179
 Delta R.T. -0.03 min
 Lab File: BG040474.D
 Acq: 12 Apr 2019 23:32

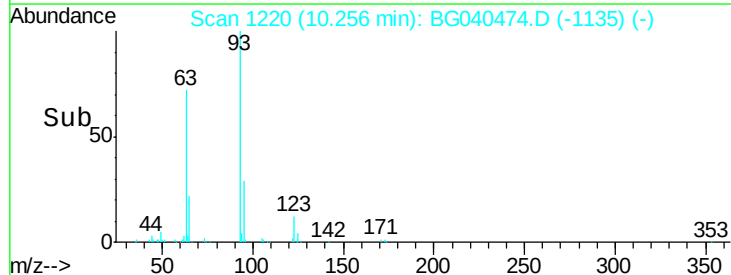
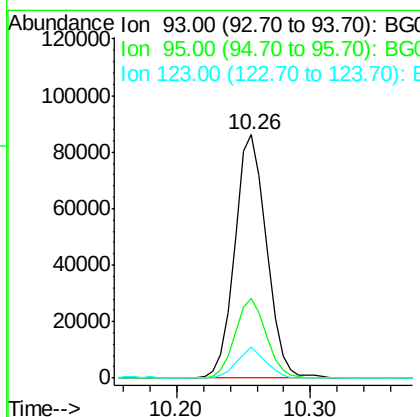
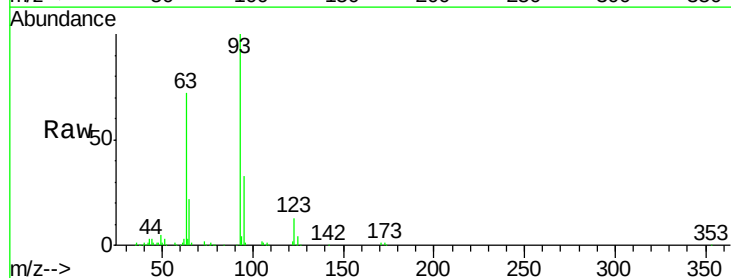
Instrument :
 BNA_G
 ClientSampleId :

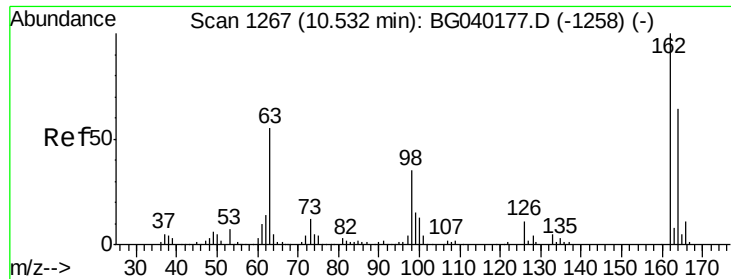
Tot Ion	Ion	Ratio	Lower	Upper
122	100			
107	119.2	97.4	146.2	
121	58.2	47.7	71.5	



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.261 ng
 RT: 10.26 min Scan# 1220
 Delta R.T. -0.03 min
 Lab File: BG040474.D
 Acq: 12 Apr 2019 23:32

Tgt Ion	Ion	Ratio	Lower	Upper
93	100			
95	32.9	26.2	39.4	
123	12.6	9.4	14.0	

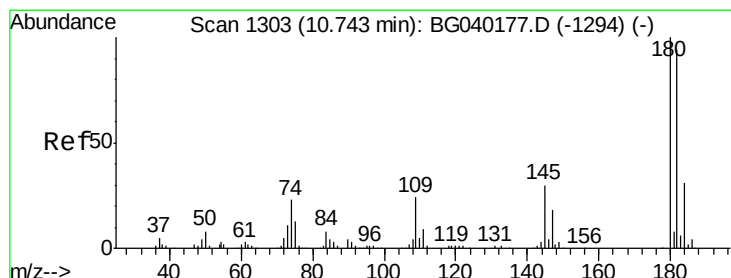
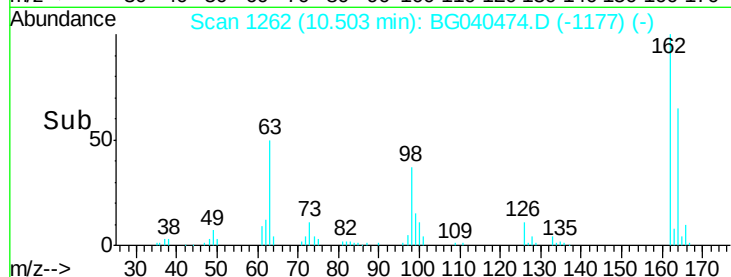
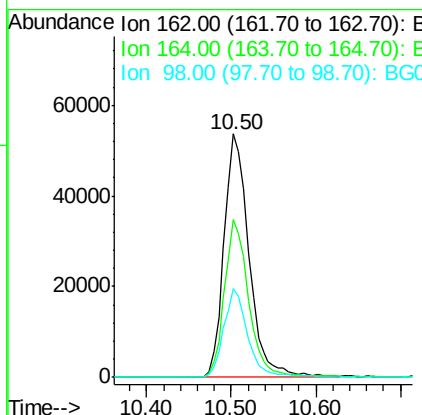
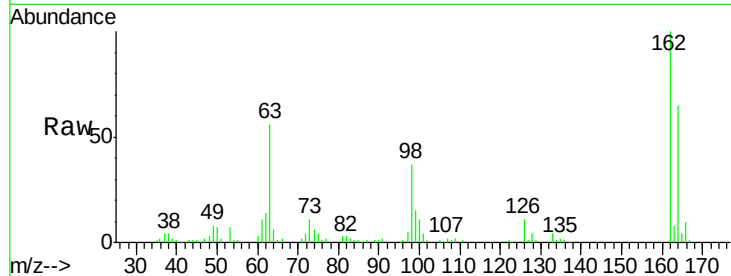




#29
 2,4-Dichlorophenol
 Concen: 44.905 ng
 RT: 10.50 min Scan# 1262
 Delta R.T. -0.03 min
 Lab File: BG040474.D
 Acq: 12 Apr 2019 23:32

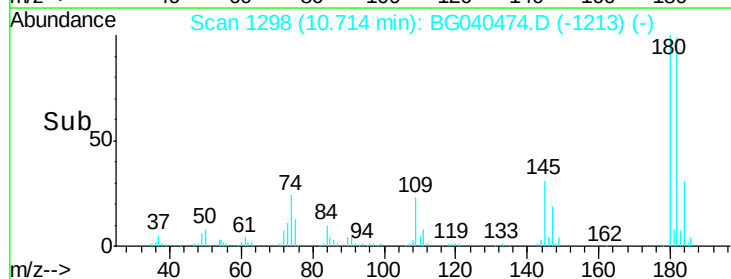
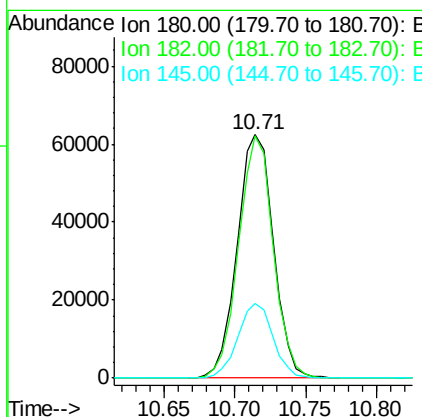
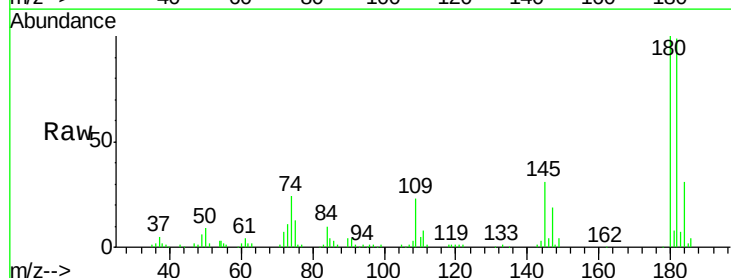
Instrument :
 BNA_G
 ClientSampleId :

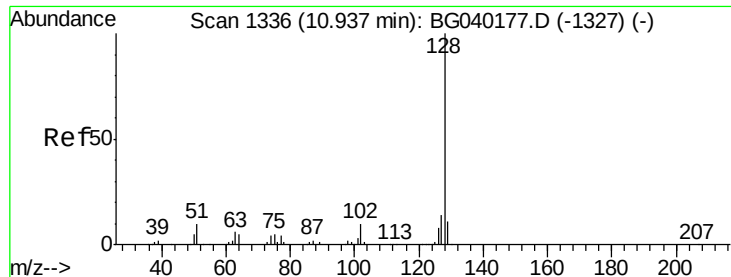
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	43.9	83.9
98	36.5	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 41.692 ng
 RT: 10.71 min Scan# 1298
 Delta R.T. -0.03 min
 Lab File: BG040474.D
 Acq: 12 Apr 2019 23:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.4	75.1	112.7
145	30.9	24.1	36.1

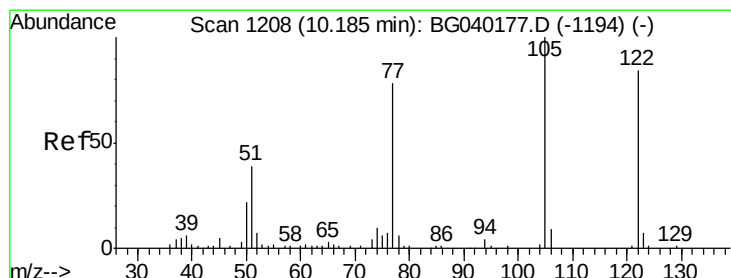
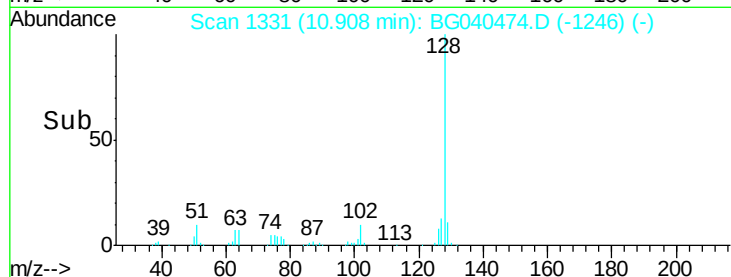
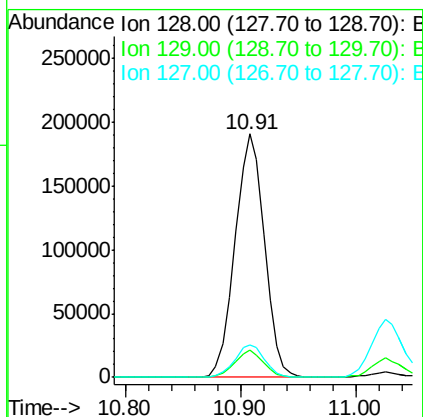
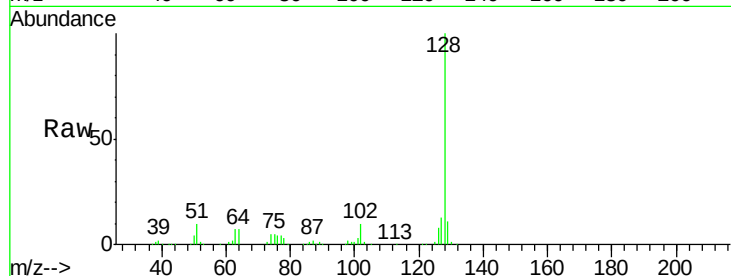




#31
Naphthalene
Concen: 42.599 ng
RT: 10.91 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BG040474.D
Acq: 12 Apr 2019 23:32

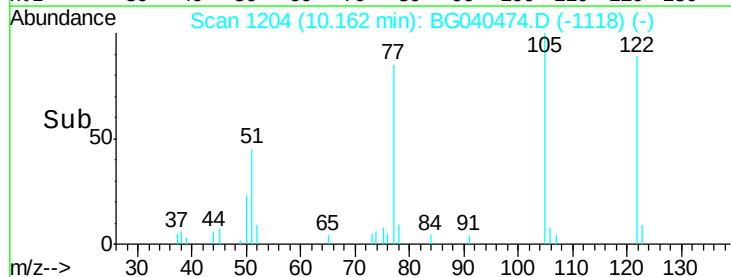
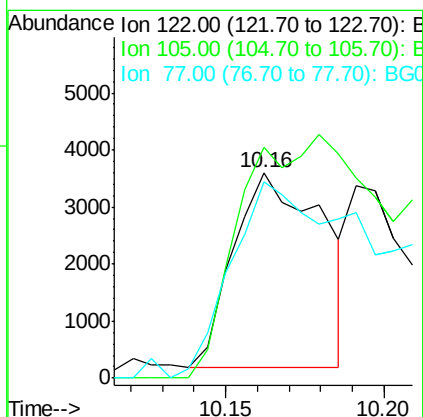
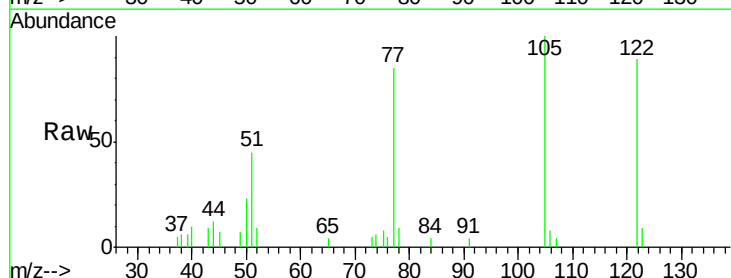
Instrument :
BNA_G
ClientSampleId :

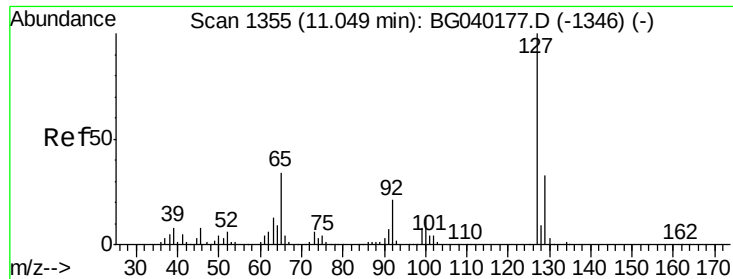
Tot Ion:128 Resp: 335774
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.1 11.4 17.0



#32
Benzoic acid
Concen: 4.875 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.02 min
Lab File: BG040474.D
Acq: 12 Apr 2019 23:32

Tgt Ion:122 Resp: 6642
Ion Ratio Lower Upper
122 100
105 112.4 98.2 138.2
77 95.2 73.6 113.6

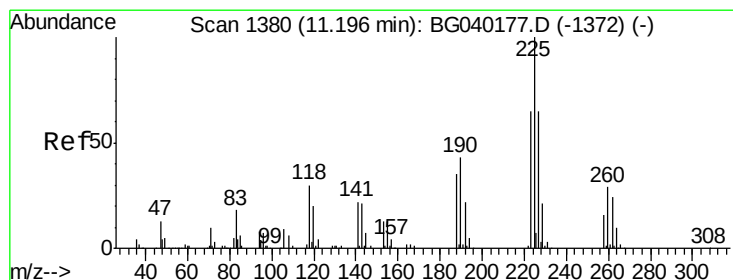
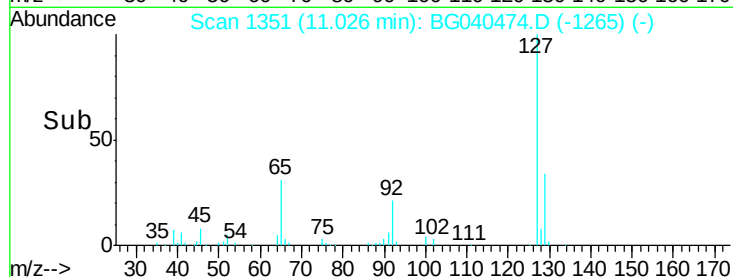
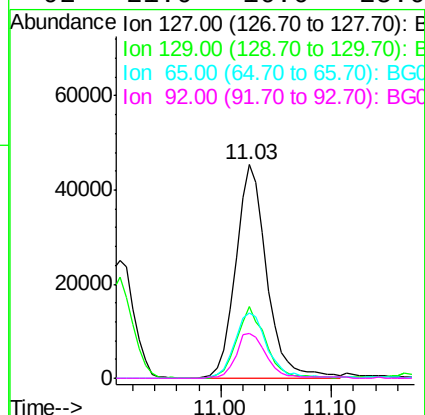
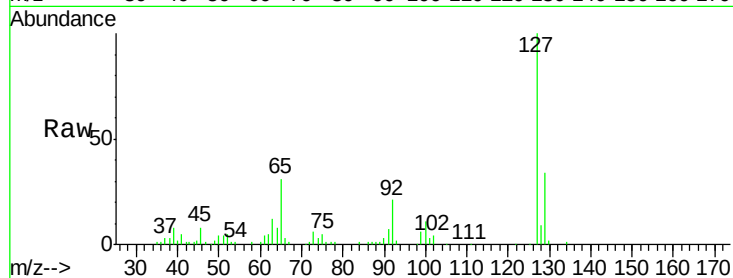




#33
4-Chloroaniline
Concen: 26.631 ng
RT: 11.03 min Scan# 1351
Delta R.T. -0.02 min
Lab File: BG040474.D
Acq: 12 Apr 2019 23:32

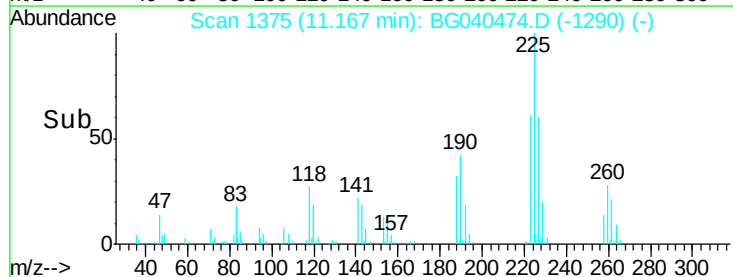
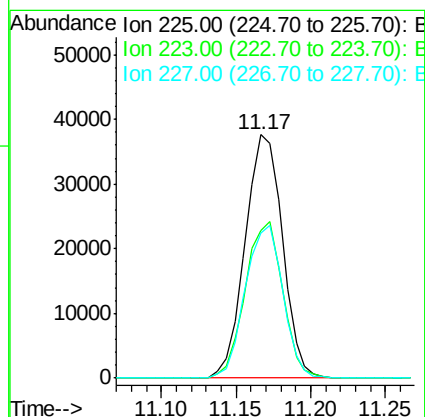
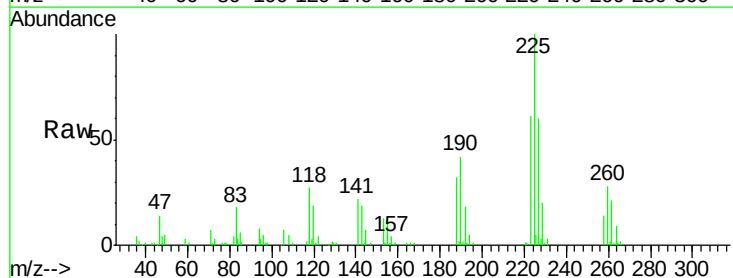
Instrument :
BNA_G
ClientSampleId :

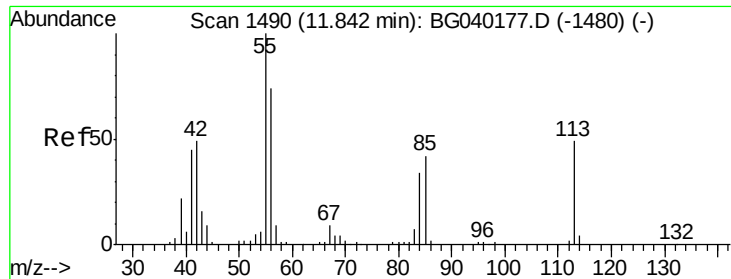
Tot Ion:	127	Resp:	89538
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.6	40.0
65	30.8	27.0	40.4
92	21.0	16.6	25.0



#34
Hexachlorobutadiene
Concen: 37.974 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.03 min
Lab File: BG040474.D
Acq: 12 Apr 2019 23:32

Tgt Ion:	225	Resp:	65269
Ion	Ratio	Lower	Upper
225	100		
223	60.6	51.8	77.8
227	63.1	54.9	82.3

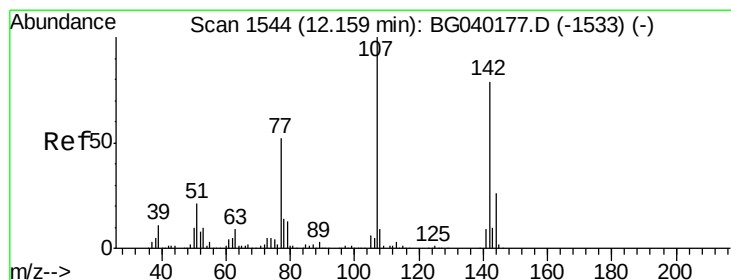
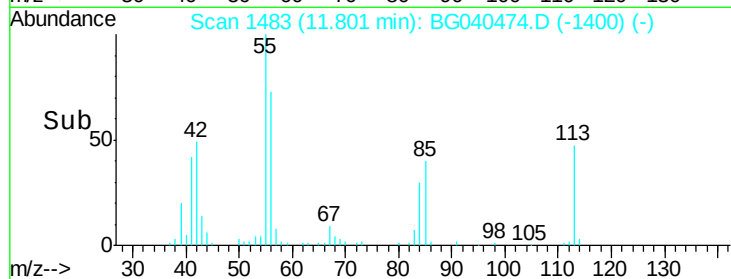
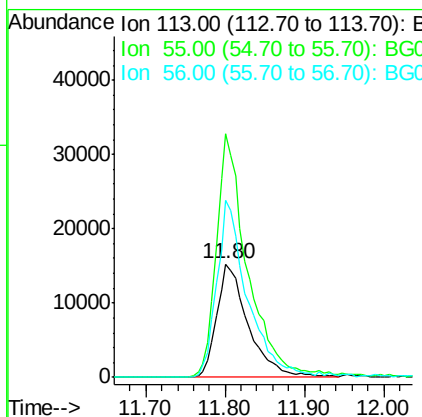
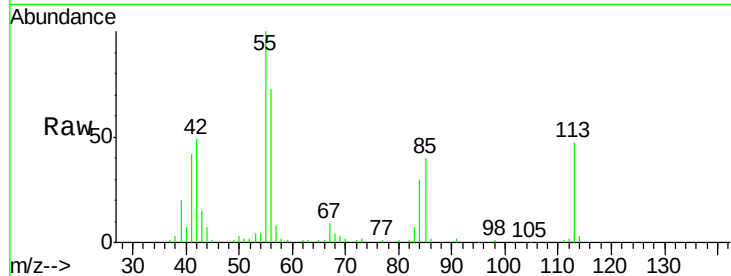




#35
 Caprolactam
 Concen: 43.416 ng
 RT: 11.80 min Scan# 1483
 Delta R.T. -0.04 min
 Lab File: BG040474.D
 Acq: 12 Apr 2019 23:32

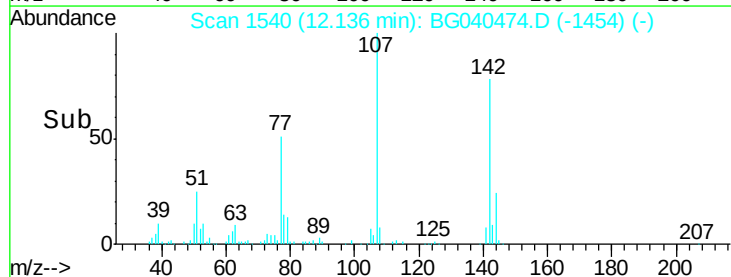
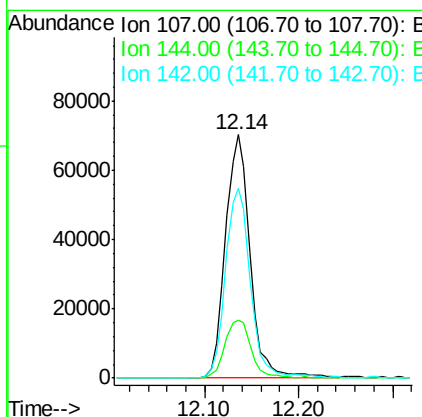
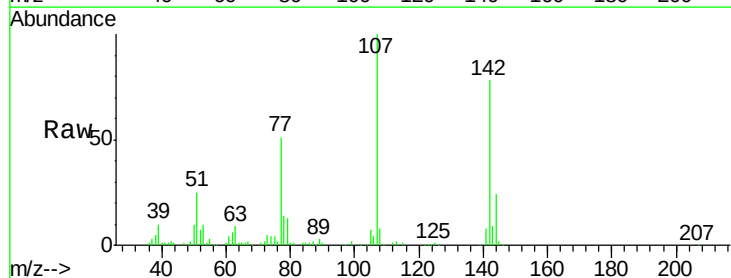
Instrument :
 BNA_G
 ClientSampled :

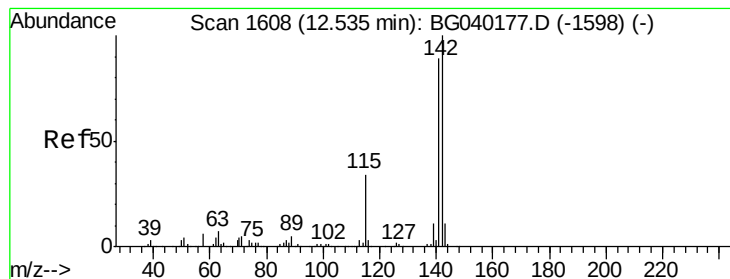
Tot Ion:113 Resp: 42169
 Ion Ratio Lower Upper
 113 100
 55 214.8 184.2 224.2
 56 156.2 131.3 171.3



#36
 4-Chloro-3-methylphenol
 Concen: 45.639 ng
 RT: 12.14 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BG040474.D
 Acq: 12 Apr 2019 23:32

Tgt Ion:107 Resp: 128416
 Ion Ratio Lower Upper
 107 100
 144 23.9 20.5 30.7
 142 78.0 63.1 94.7





#37

2-Methylnaphthalene

Concen: 43.848 ng

RT: 12.51 min Scan# 1603

Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Instrument :

BNA_G

ClientSampleId :

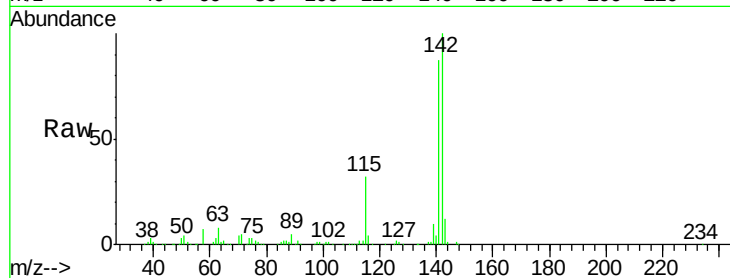
Tot Ion:142 Resp: 255618

Ion Ratio Lower Upper

142 100

141 86.8 71.0 106.6

115 32.1 27.3 40.9

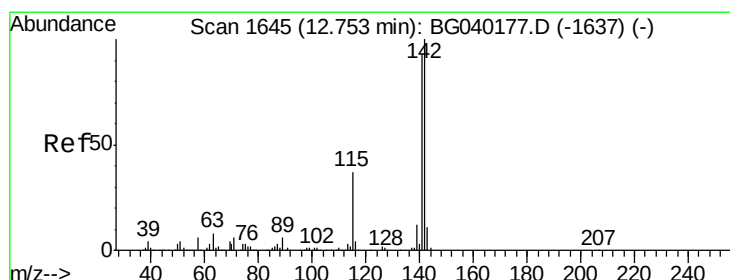
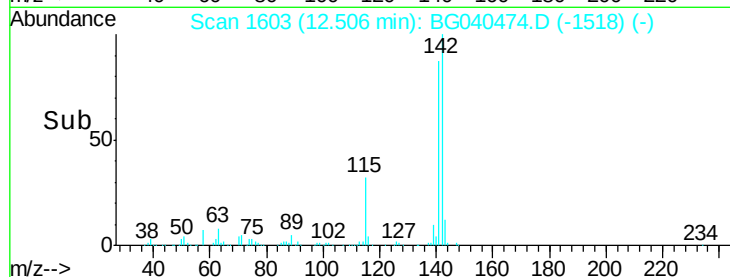
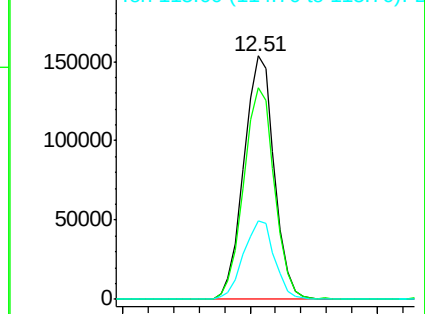


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 42.924 ng

RT: 12.72 min Scan# 1640

Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

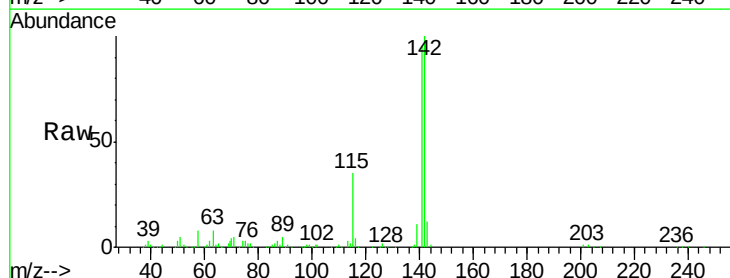
Tgt Ion:142 Resp: 242648

Ion Ratio Lower Upper

142 100

141 94.8 74.2 111.4

116 3.7 3.0 4.4

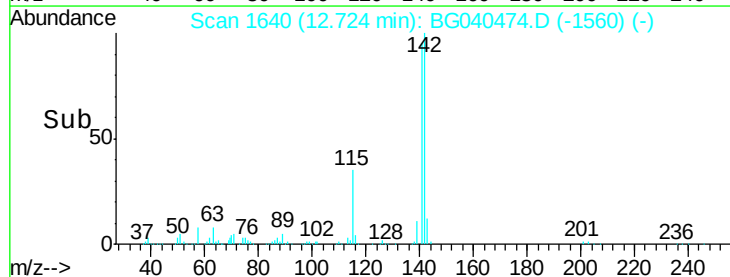
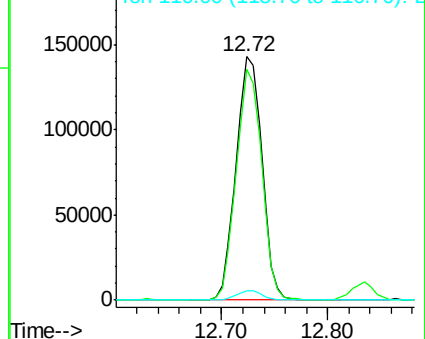


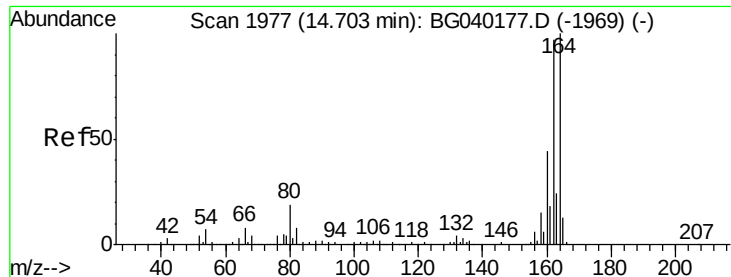
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Instrument :

BNA_G

ClientSampleId :

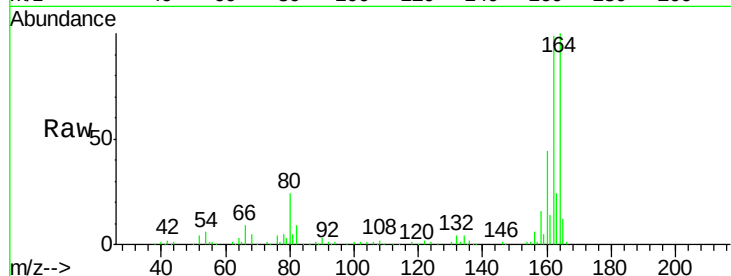
Tot Ion:164 Resp: 102668

Ion Ratio Lower Upper

164 100

162 98.7 77.4 116.2

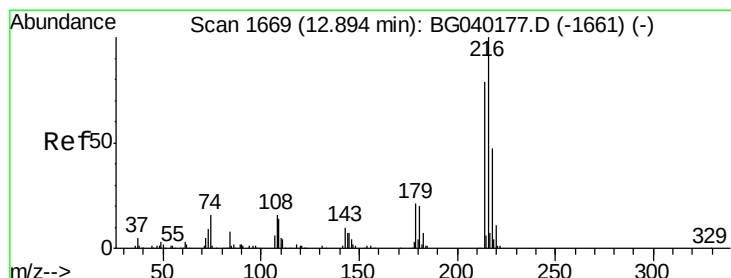
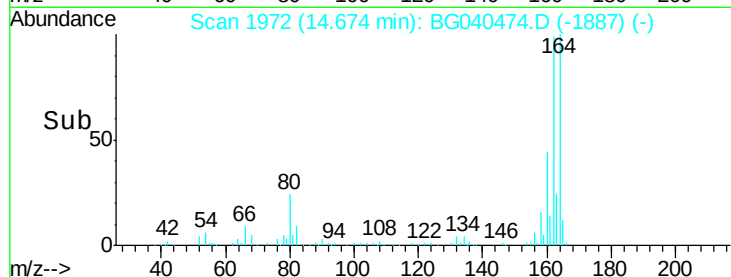
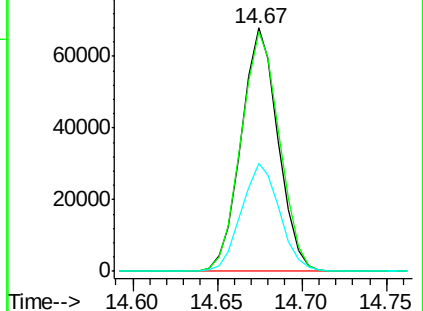
160 44.5 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.260 ng

RT: 12.87 min Scan# 1665

Delta R.T. -0.02 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Tgt Ion:216 Resp: 128111

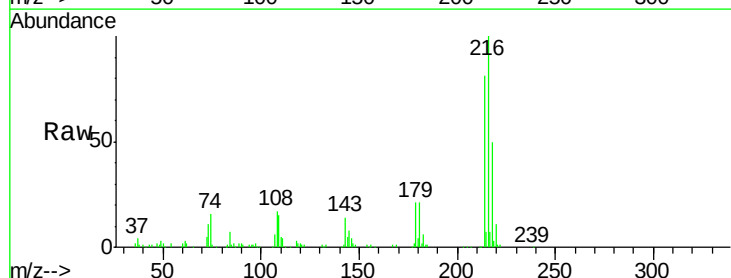
Ion Ratio Lower Upper

216 100

214 78.0 63.5 95.3

179 20.9 16.6 25.0

108 19.1 13.8 20.8

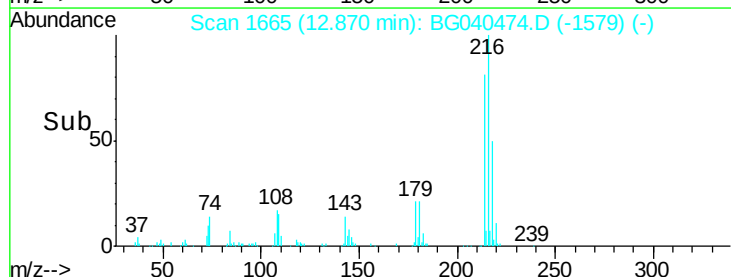
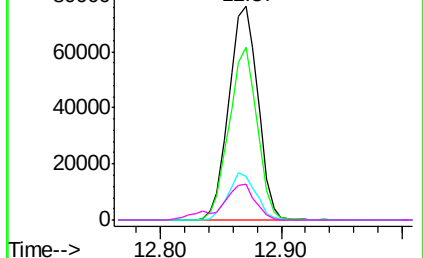


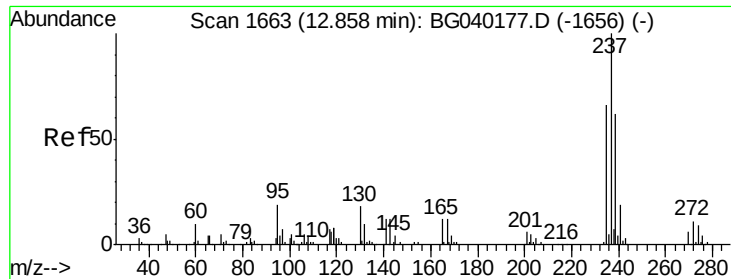
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

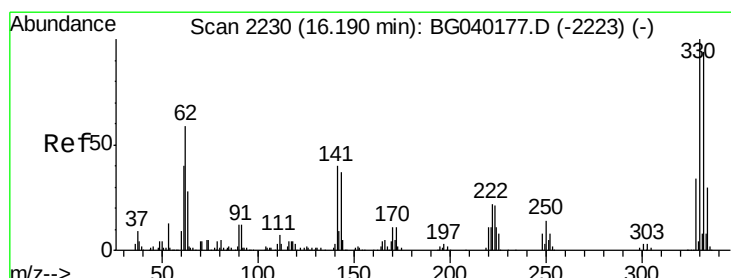
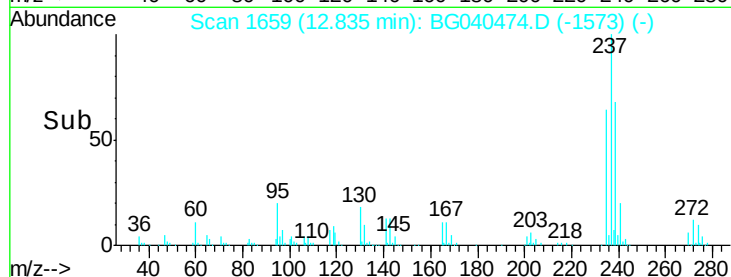
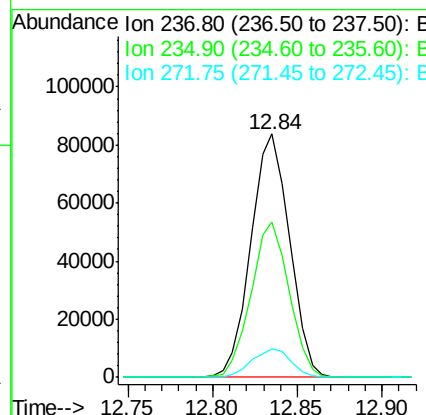
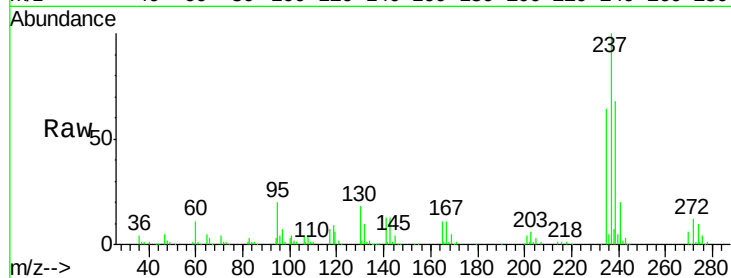




#41
Hexachlorocyclopentadiene
Concen: 74.016 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.02 min
Lab File: BG040474.D
Acq: 12 Apr 2019 23:32

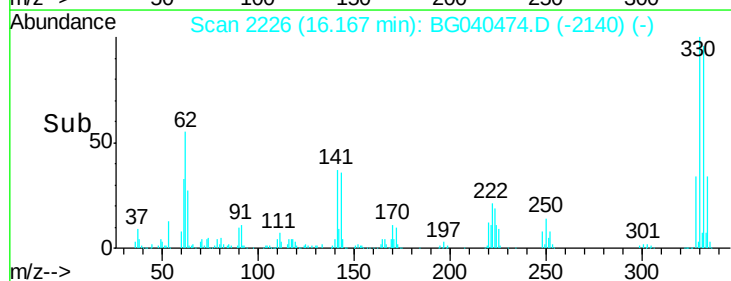
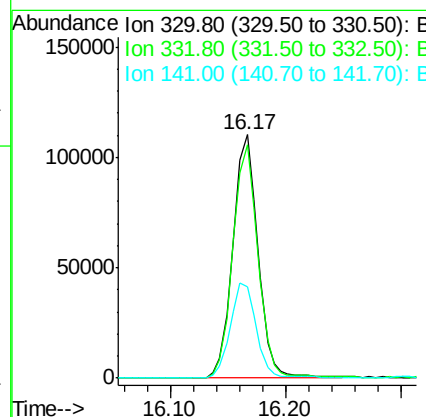
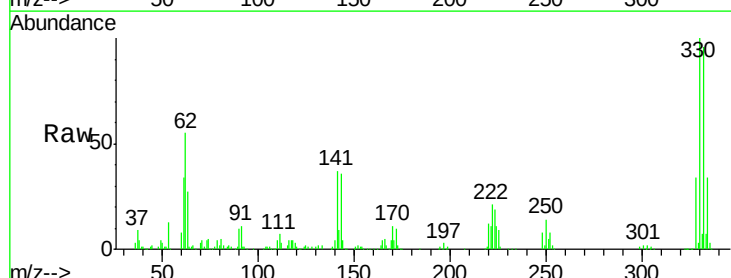
Instrument :
BNA_G
ClientSampleId :

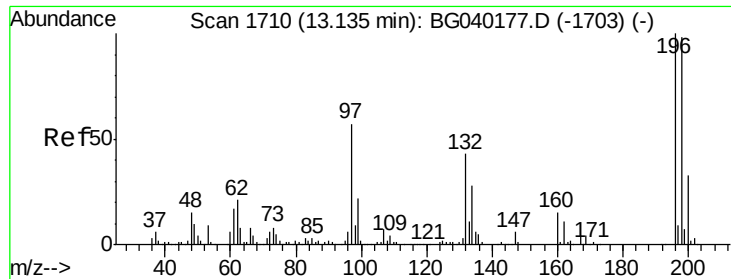
Tot Ion	Ratio	Lower	Upper
237	100		
235	63.8	46.2	86.2
272	11.8	0.0	30.5



#42
2,4,6-Tribromophenol
Concen: 150.489 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040474.D
Acq: 12 Apr 2019 23:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.6	115.0
141	40.5	32.6	48.8

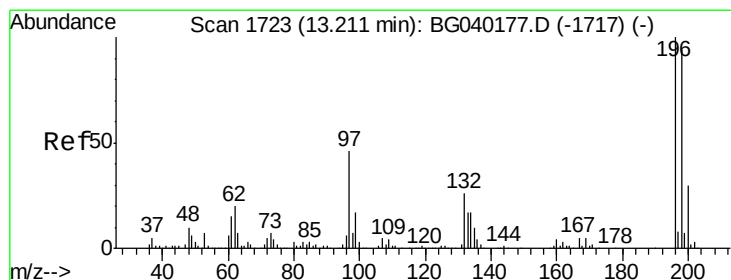
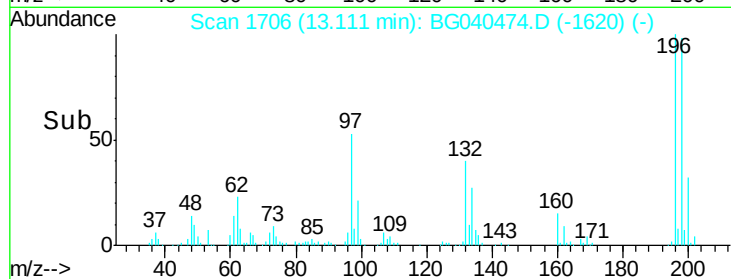
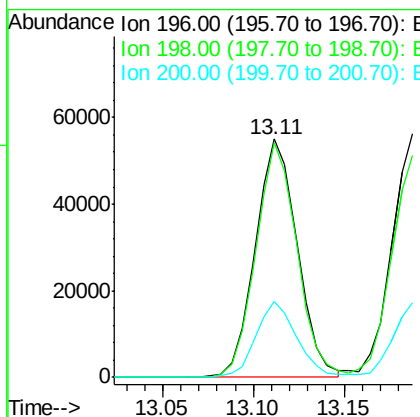
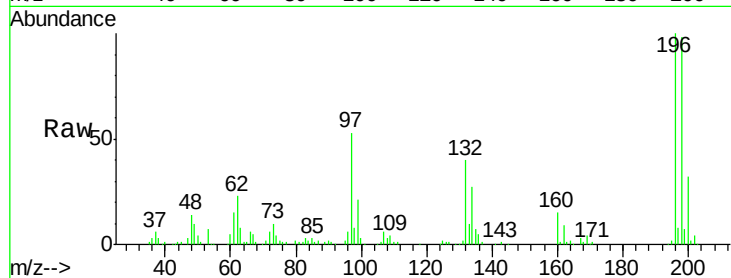




#43
 2,4,6-Trichlorophenol
 Concen: 41.967 ng
 RT: 13.11 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG040474.D
 Acq: 12 Apr 2019 23:32

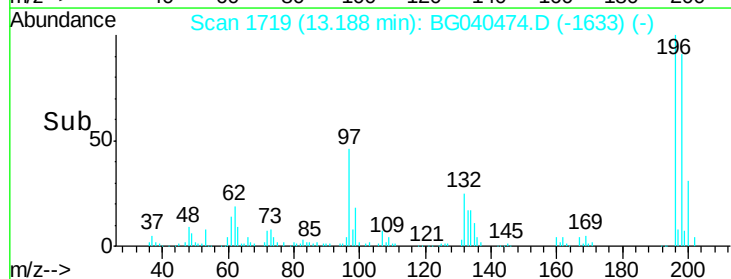
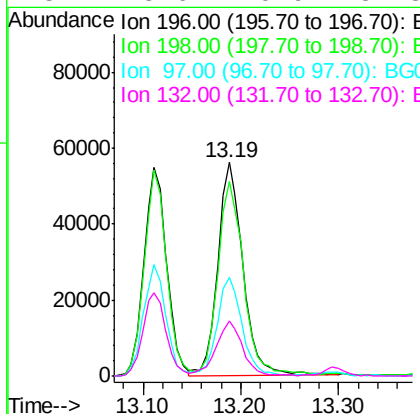
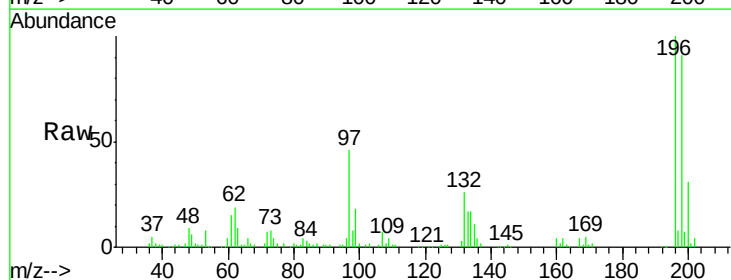
Instrument :
 BNA_G
 ClientSampled :

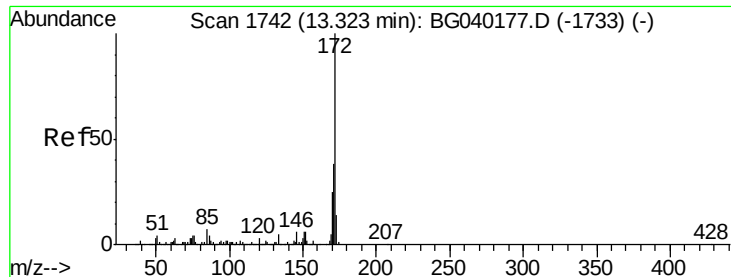
Tot Ion:196 Resp: 88293
 Ion Ratio Lower Upper
 196 100
 198 98.4 78.3 117.5
 200 31.8 26.0 39.0



#44
 2,4,5-Trichlorophenol
 Concen: 43.333 ng
 RT: 13.19 min Scan# 1719
 Delta R.T. -0.02 min
 Lab File: BG040474.D
 Acq: 12 Apr 2019 23:32

Tgt Ion:196 Resp: 99369
 Ion Ratio Lower Upper
 196 100
 198 91.2 75.0 112.6
 97 46.1 37.3 55.9
 132 25.6 20.9 31.3





#45

2-Fluorobiphenyl

Concen: 87.500 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

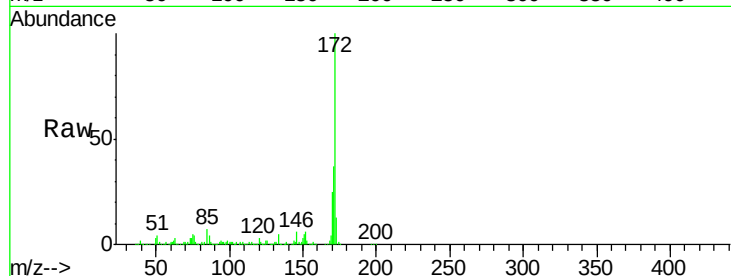
Instrument :

BNA_G

ClientSampleId :

Tot Ion:172 Resp: 606267

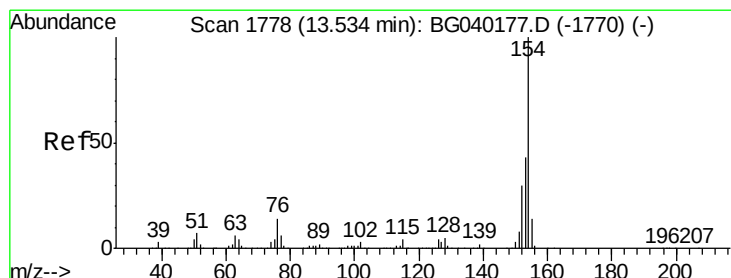
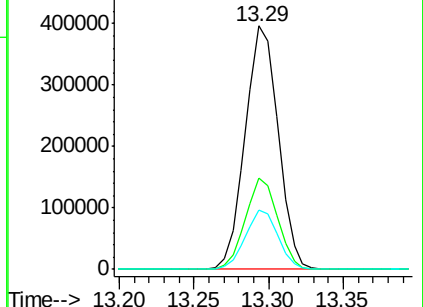
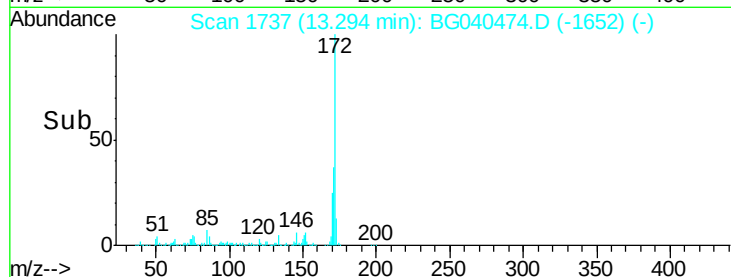
Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.5	45.7
170	24.6	20.1	30.1



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 40.061 ng

RT: 13.51 min Scan# 1774

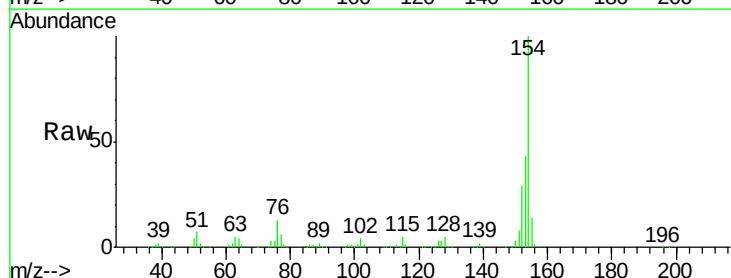
Delta R.T. -0.02 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Tgt Ion:154 Resp: 324979

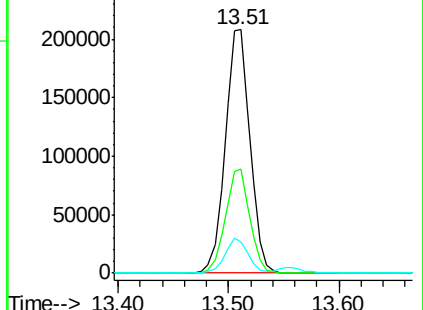
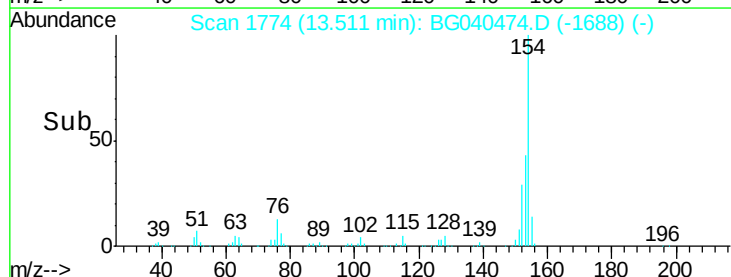
Ion	Ratio	Lower	Upper
154	100		
153	42.5	22.5	62.5
76	13.0	0.0	33.7

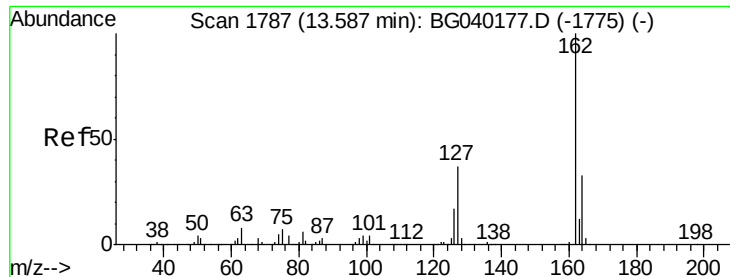


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

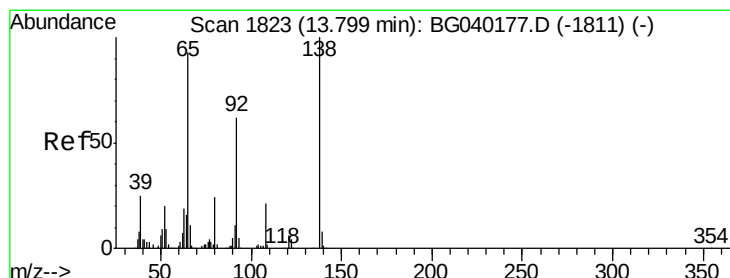
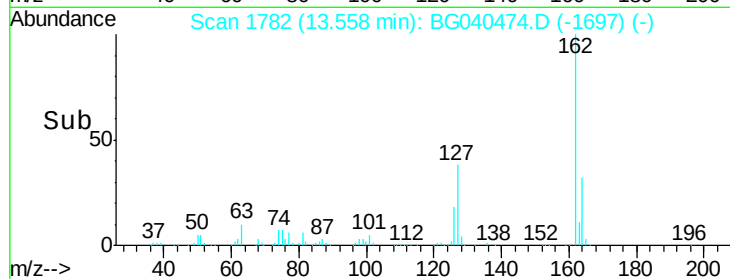
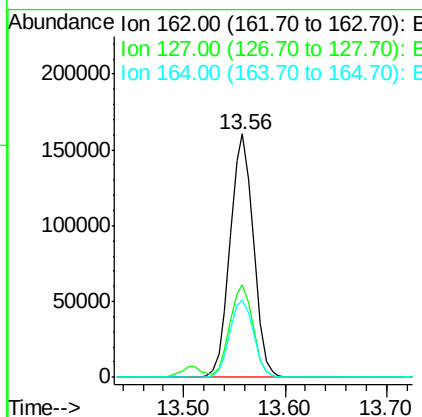
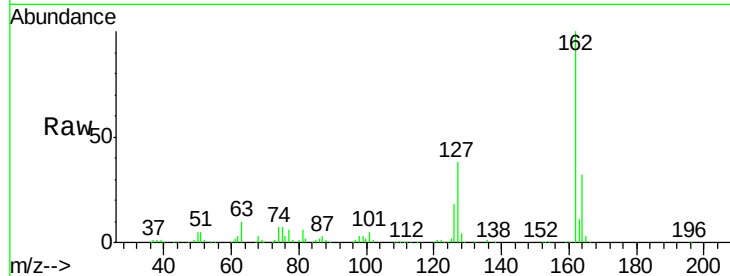




#47
 2-Chloronaphthalene
 Concen: 41.075 ng
 RT: 13.56 min Scan# 1782
 Delta R.T. -0.03 min
 Lab File: BG040474.D
 Acq: 12 Apr 2019 23:32

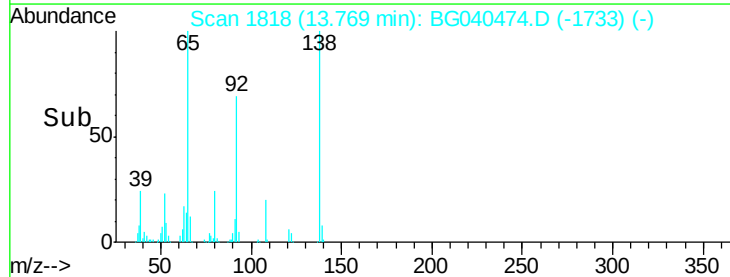
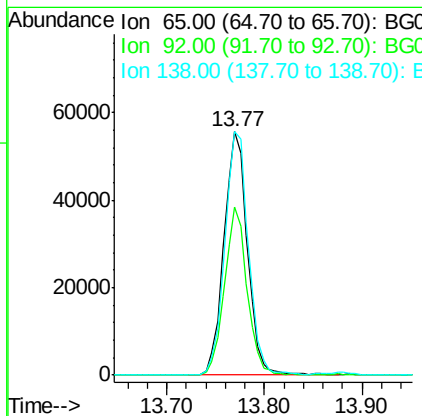
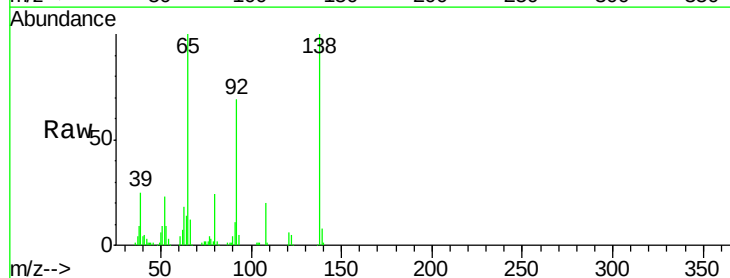
Instrument :
 BNA_G
 ClientSampleId :

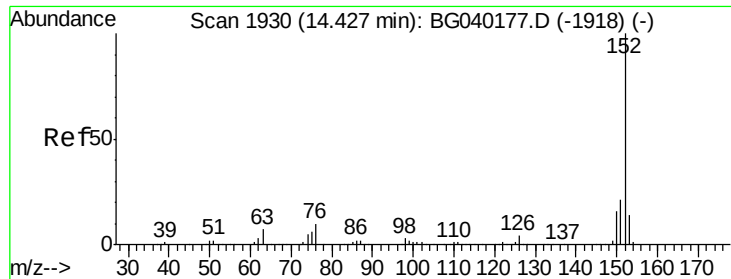
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.9	30.6	45.8
164	31.6	26.2	39.4



#48
 2-Nitroaniline
 Concen: 44.108 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.03 min
 Lab File: BG040474.D
 Acq: 12 Apr 2019 23:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.1	53.8	80.6
138	100.1	86.3	129.5





#49

Acenaphthylene

Concen: 41.445 ng

RT: 14.40 min Scan# 1926

Delta R.T. -0.02 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Instrument :

BNA_G

ClientSampleId :

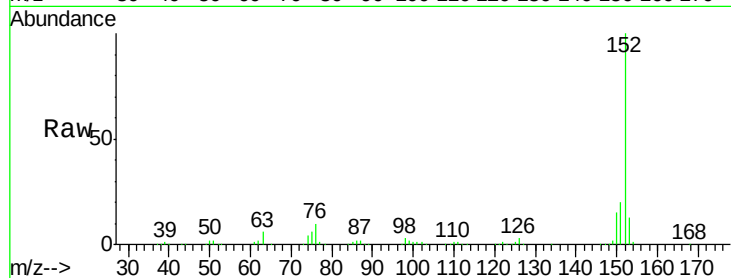
Tot Ion:152 Resp: 437250

Ion Ratio Lower Upper

152 100

151 20.3 17.0 25.6

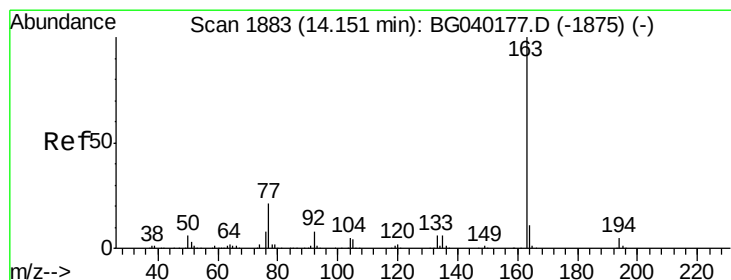
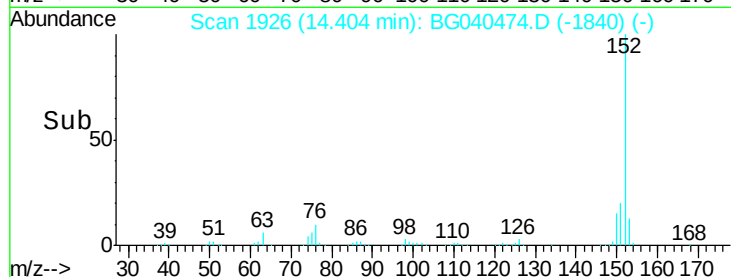
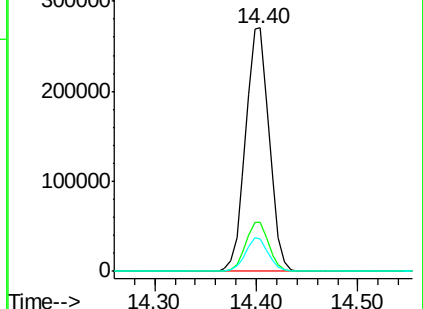
153 13.1 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.296 ng

RT: 14.12 min Scan# 1878

Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

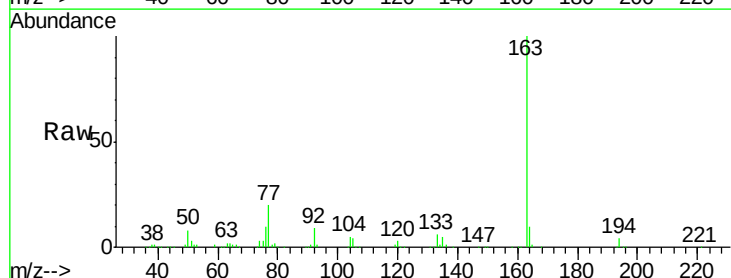
Tgt Ion:163 Resp: 339857

Ion Ratio Lower Upper

163 100

194 4.5 4.1 6.1

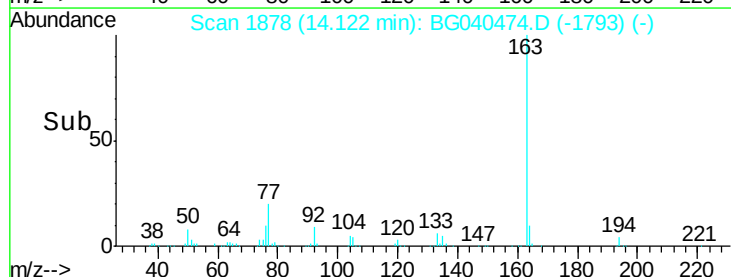
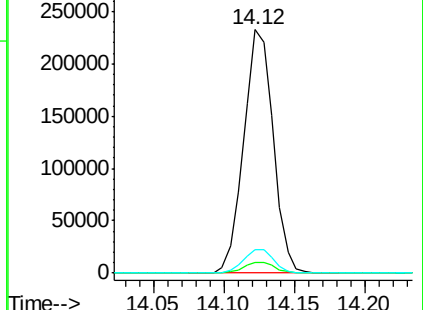
164 9.8 8.6 13.0

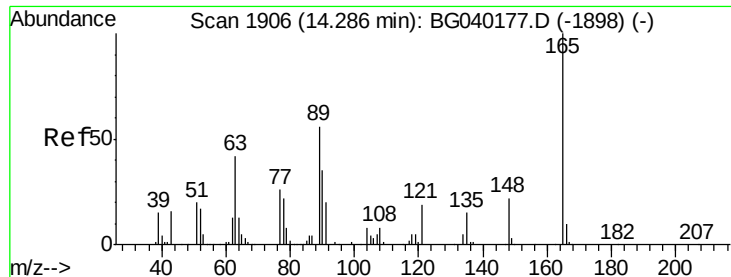


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.580 ng

RT: 14.26 min Scan# 1901

Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Instrument :

BNA_G

ClientSampleId :

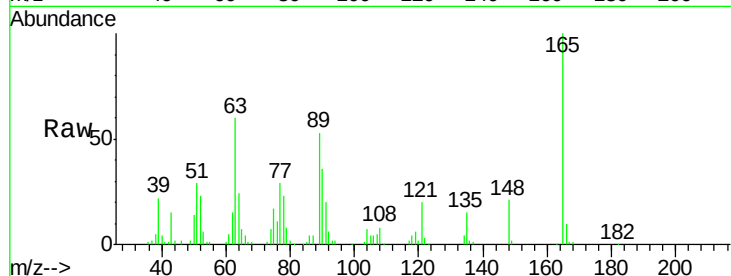
Tot Ion:165 Resp: 76823

Ion Ratio Lower Upper

165 100

63 59.7 44.1 66.1

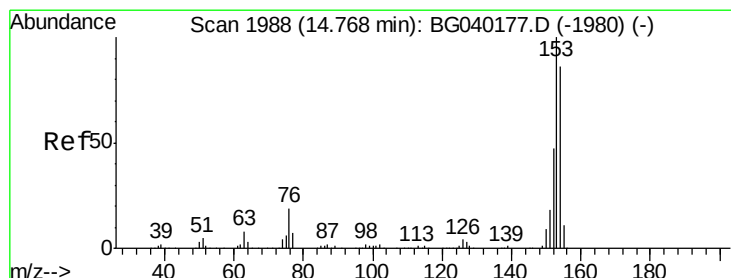
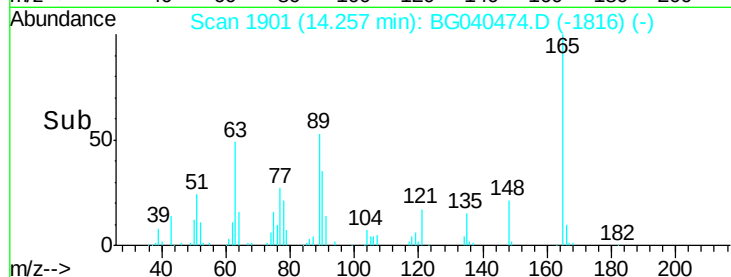
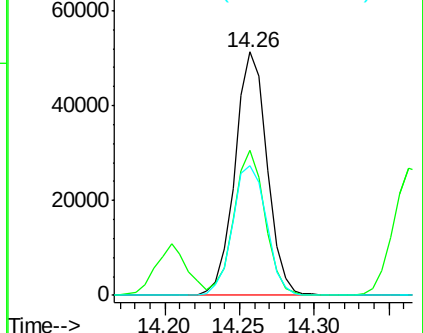
89 53.2 44.9 67.3



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 41.921 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

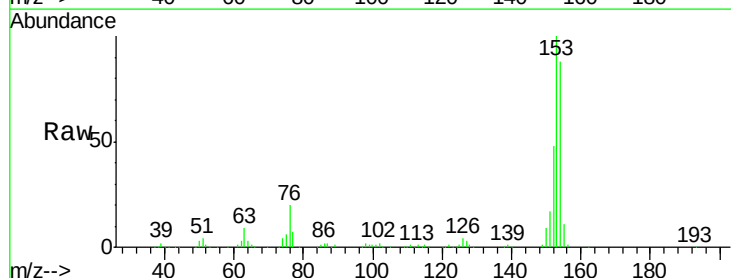
Tgt Ion:154 Resp: 253429

Ion Ratio Lower Upper

154 100

153 113.1 92.8 139.2

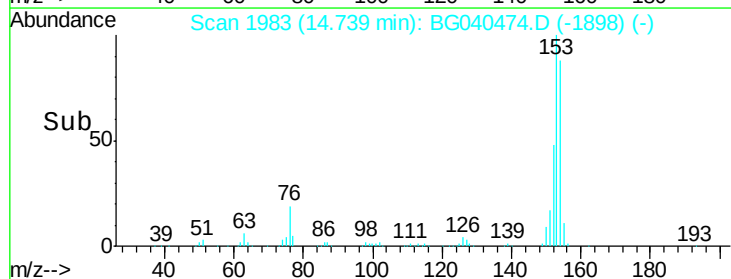
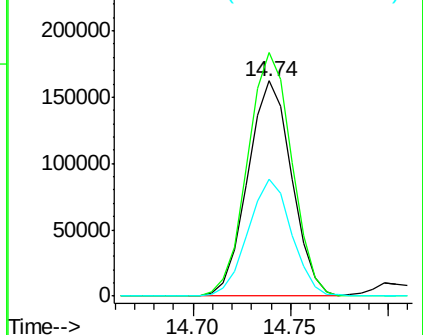
152 54.3 43.4 65.2

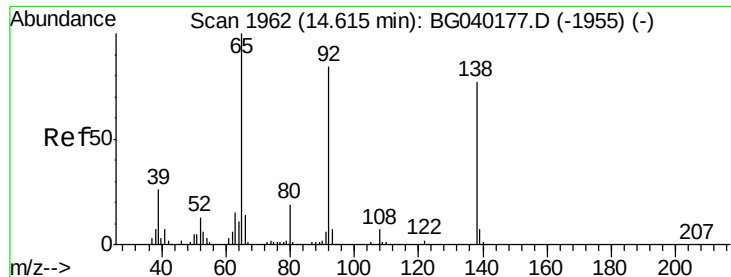


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 32.017 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.02 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Instrument :

BNA_G

ClientSampled :

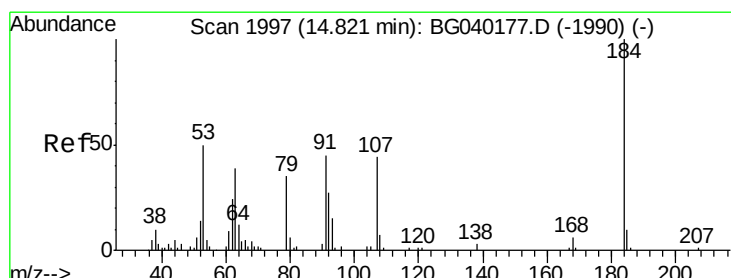
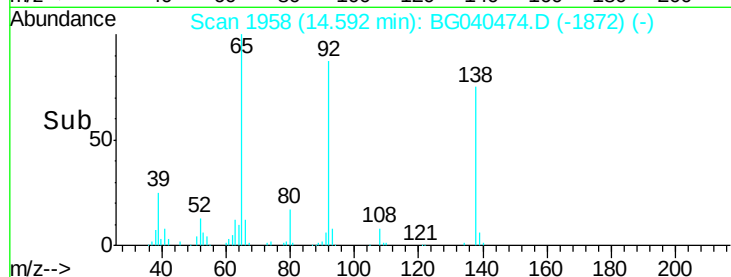
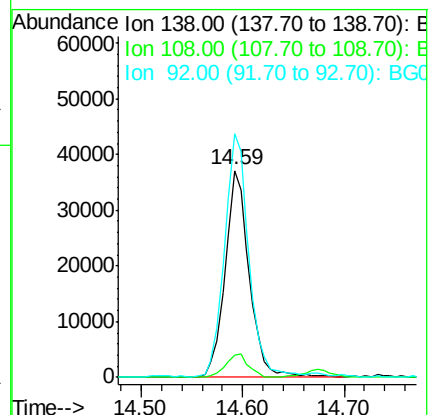
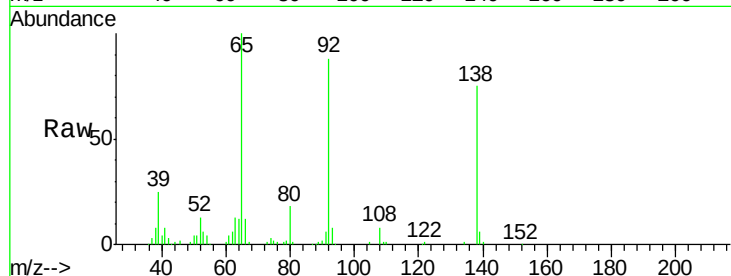
Tot Ion:138 Resp: 61145

Ion Ratio Lower Upper

138 100

108 10.5 7.8 11.8

92 117.7 87.5 131.3



#54

2,4-Dinitrophenol

Concen: 32.272 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

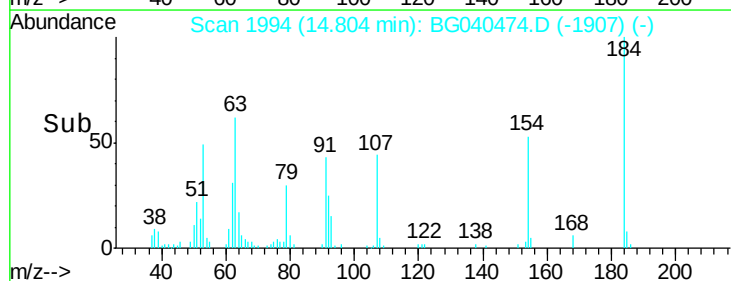
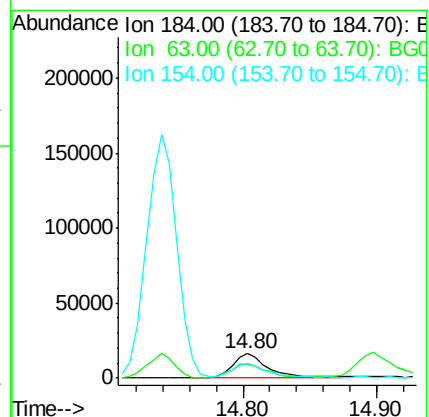
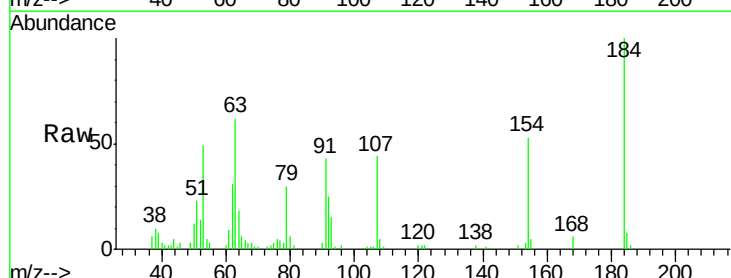
Tgt Ion:184 Resp: 30965

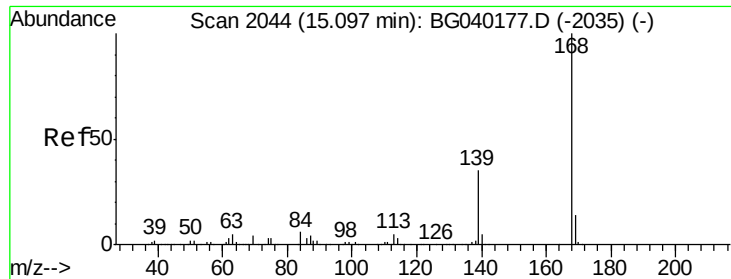
Ion Ratio Lower Upper

184 100

63 61.5 51.8 77.8

154 53.4 50.9 76.3





#55

Dibenzenofuran

Concen: 43.346 ng

RT: 15.07 min Scan# 2040

Delta R.T. -0.02 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Instrument :

BNA_G

ClientSampleId :

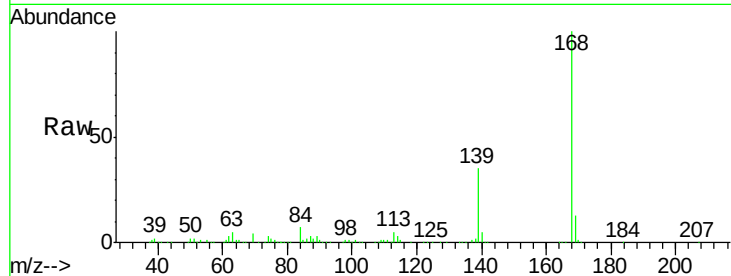
Tot Ion:168 Resp: 421066

Ion Ratio Lower Upper

168 100

139 34.7 27.9 41.9

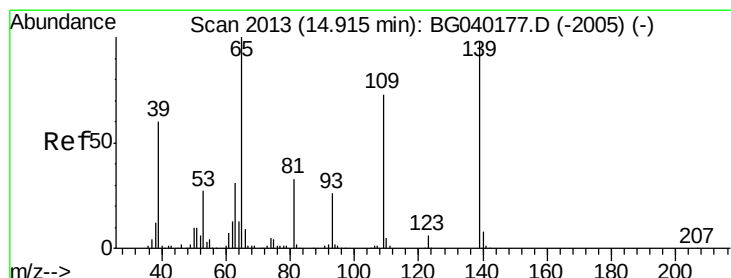
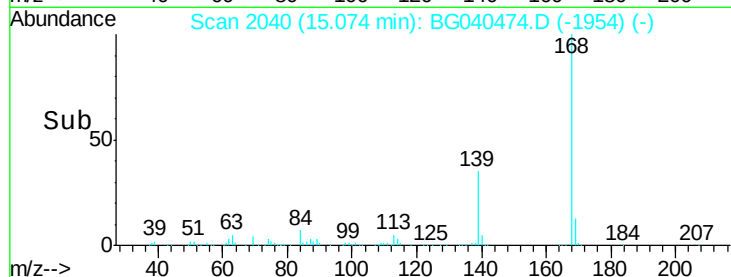
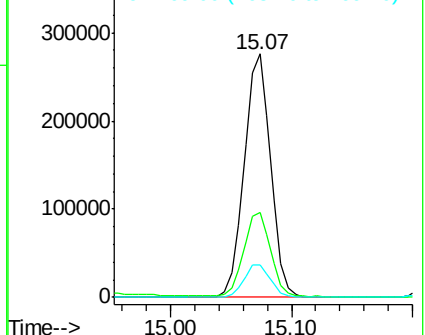
169 13.4 11.3 16.9



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 79.690 ng

RT: 14.90 min Scan# 2010

Delta R.T. -0.02 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

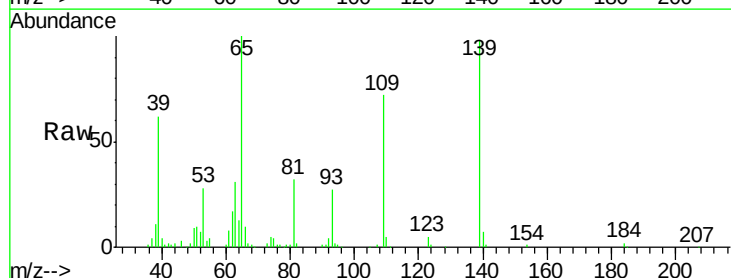
Tgt Ion:139 Resp: 122831

Ion Ratio Lower Upper

139 100

109 73.4 54.3 94.3

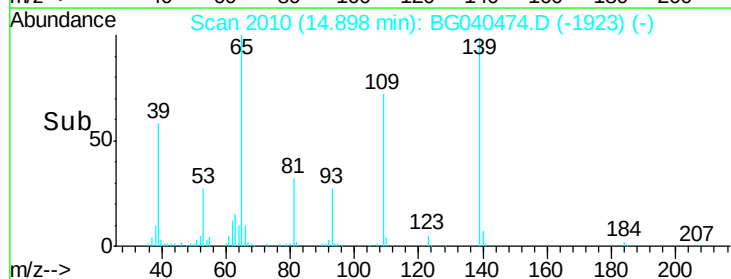
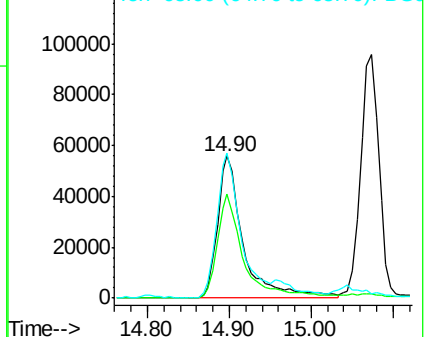
65 102.2 82.5 122.5

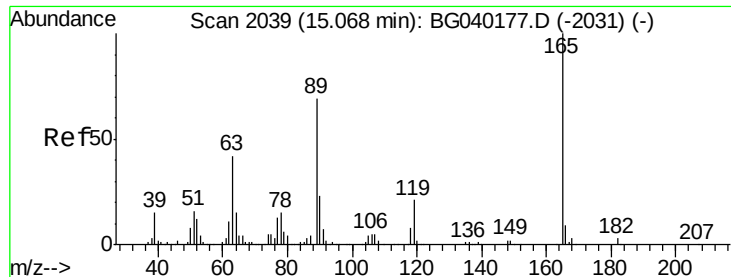


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

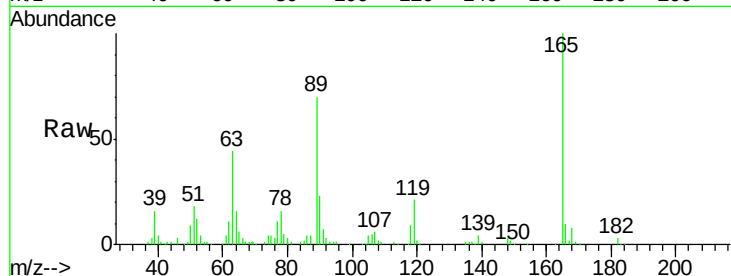




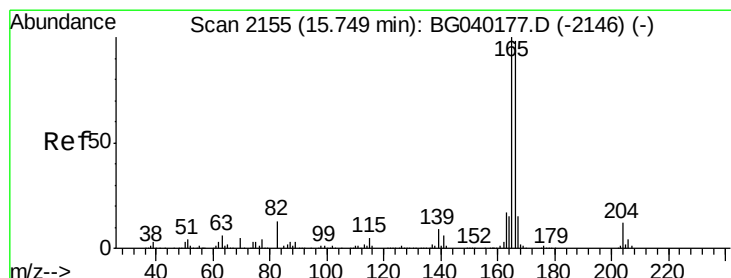
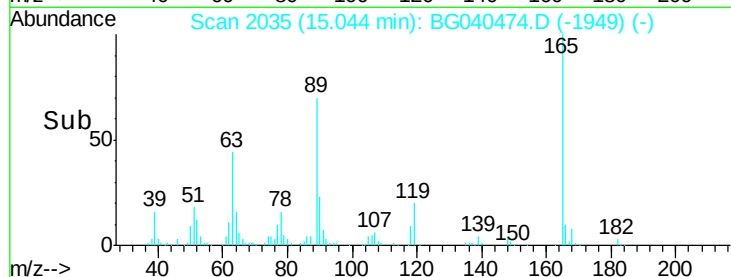
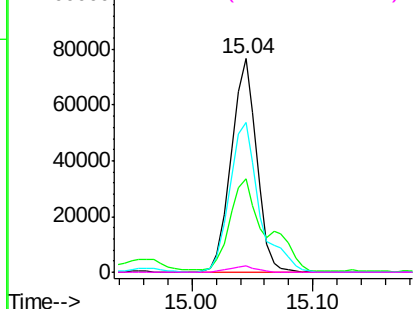
#57
 2,4-Dinitrotoluene
 Concen: 44.878 ng
 RT: 15.04 min Scan# 2035
 Delta R.T. -0.02 min
 Lab File: BG040474.D
 Acq: 12 Apr 2019 23:32

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165	Resp:	112507
Ion Ratio	Lower	Upper
165	100	
63	44.0	33.8 50.6
89	70.4	55.4 83.2
182	2.9	2.2 3.4

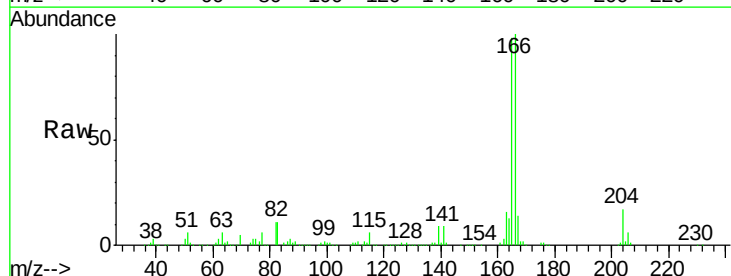


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

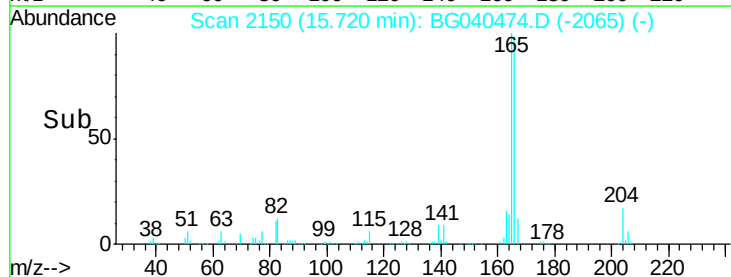
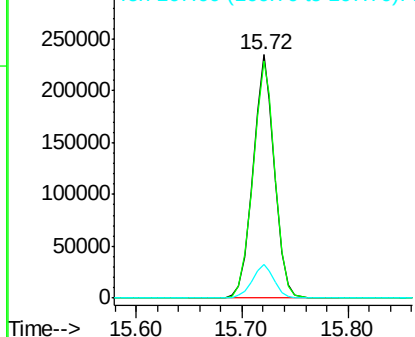


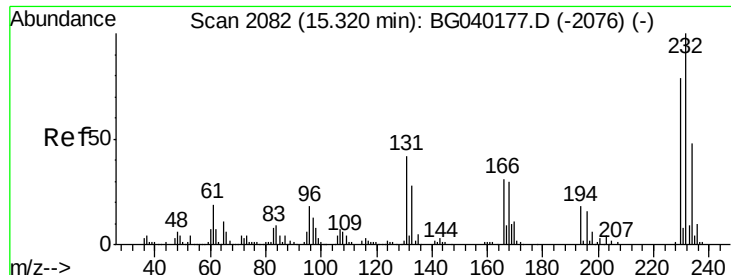
#58
 Fluorene
 Concen: 43.359 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. -0.03 min
 Lab File: BG040474.D
 Acq: 12 Apr 2019 23:32

Tgt Ion:166	Resp:	331151
Ion Ratio	Lower	Upper
166	100	
165	97.6	81.7 122.5
167	14.0	11.9 17.9



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

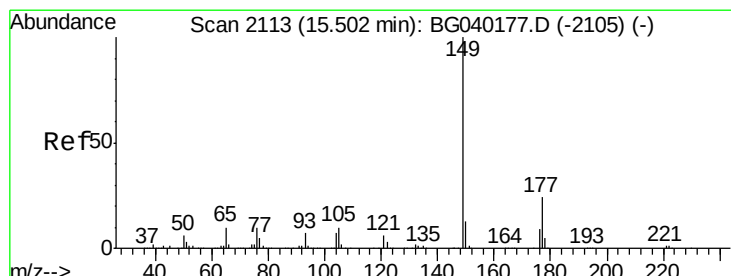
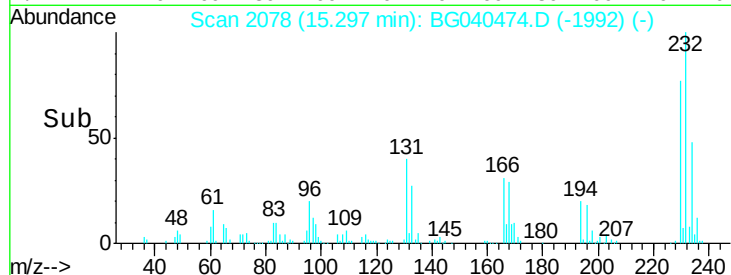
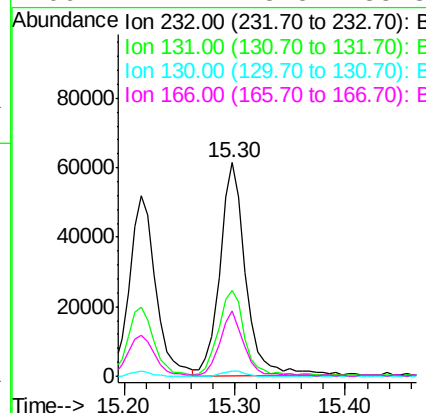
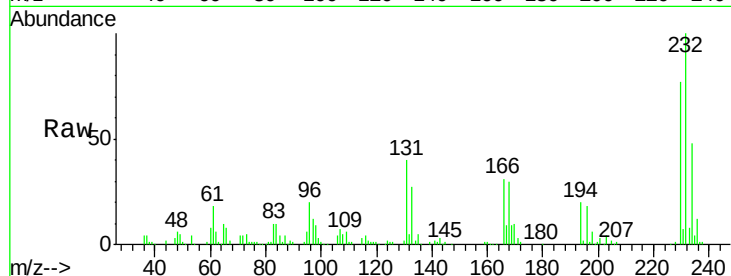




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.415 ng
 RT: 15.30 min Scan# 2078
 Delta R.T. -0.02 min
 Lab File: BG040474.D
 Acq: 12 Apr 2019 23:32

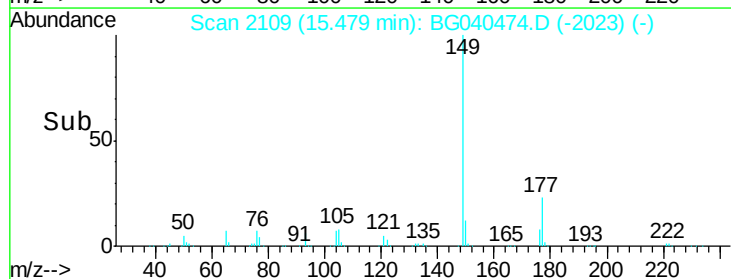
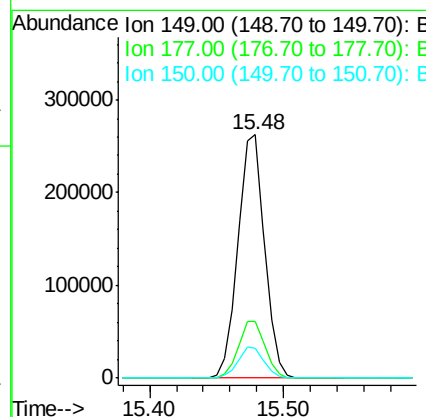
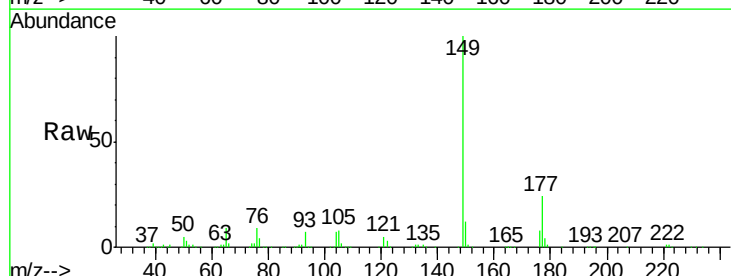
Instrument :
 BNA_G
 ClientSampleId :

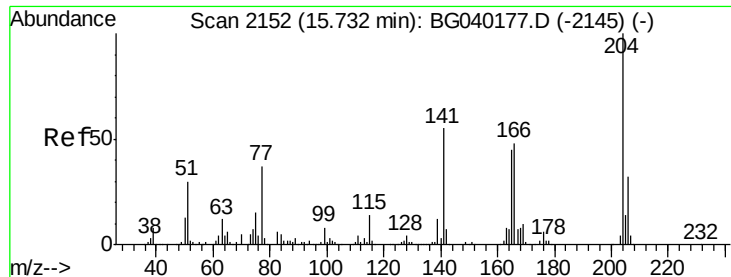
Tot Ion:232	Resp:	98666
Ion Ratio	Lower	Upper
232	100	
131	39.5	32.9 49.3
130	2.3	1.8 2.8
166	27.1	23.5 35.3



#60
 Diethylphthalate
 Concen: 44.303 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.02 min
 Lab File: BG040474.D
 Acq: 12 Apr 2019 23:32

Tgt Ion:149	Resp:	364277
Ion Ratio	Lower	Upper
149	100	
177	23.5	19.1 28.7
150	12.0	10.6 15.8

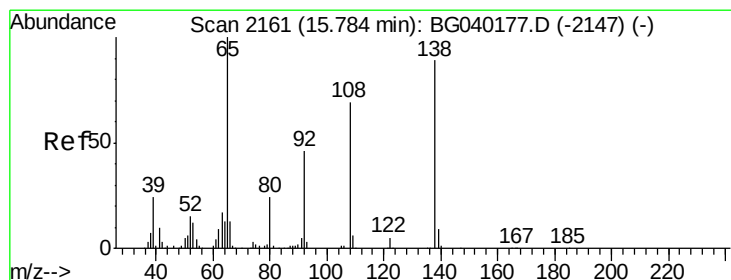
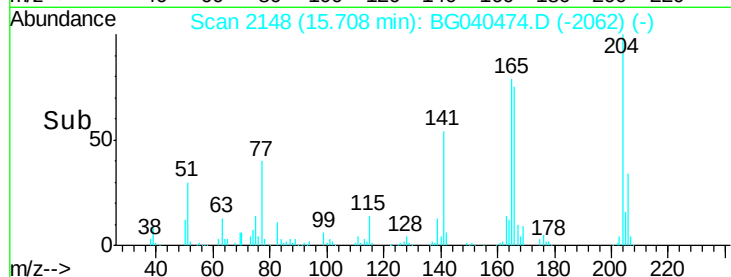
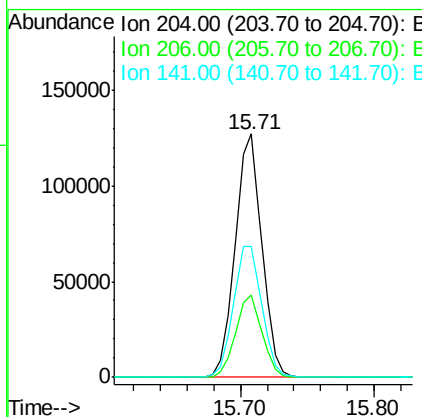
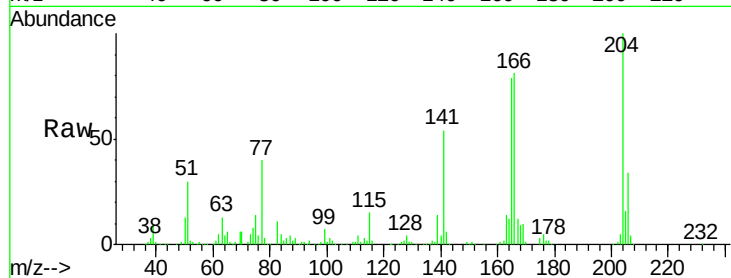




#61
 4-Chlorophenyl-phenylether
 Concen: 43.258 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BG040474.D
 Acq: 12 Apr 2019 23:32

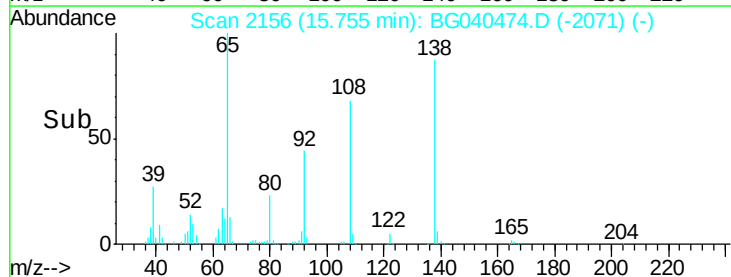
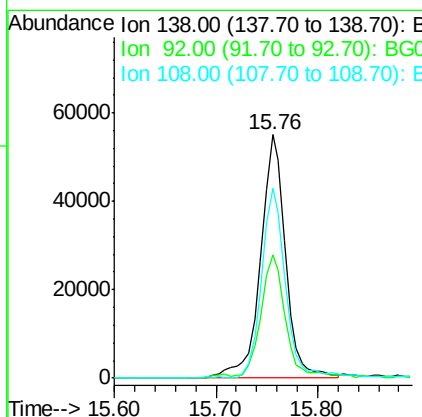
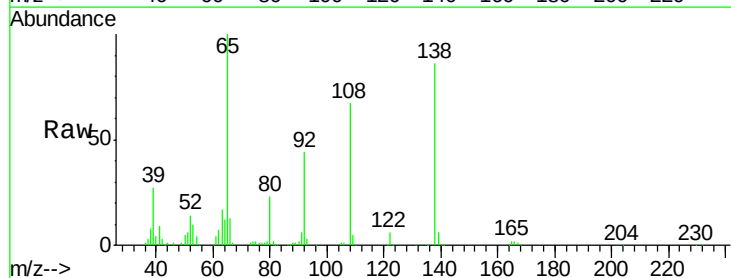
Instrument :
 BNA_G
 ClientSampled :

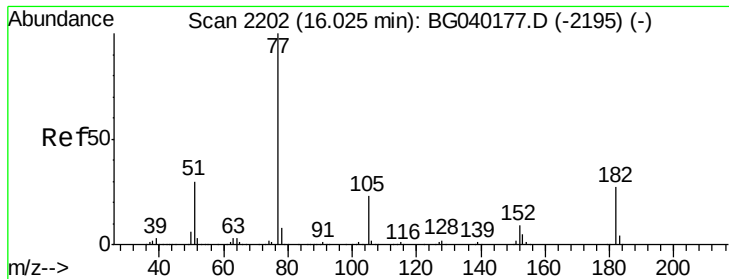
Tot Ion:204 Resp: 176596
 Ion Ratio Lower Upper
 204 100
 206 33.8 25.7 38.5
 141 53.6 44.0 66.0



#62
 4-Nitroaniline
 Concen: 46.052 ng
 RT: 15.76 min Scan# 2156
 Delta R.T. -0.03 min
 Lab File: BG040474.D
 Acq: 12 Apr 2019 23:32

Tgt Ion:138 Resp: 94385
 Ion Ratio Lower Upper
 138 100
 92 50.6 31.8 71.8
 108 78.1 57.2 97.2





#63

Azobenzene

Concen: 44.159 ng

RT: 16.00 min Scan# 2198

Delta R.T. -0.02 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 342490

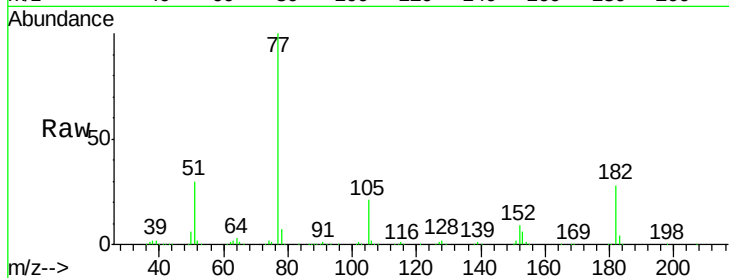
Ion Ratio Lower Upper

77 100

182 28.3 7.2 47.2

105 21.4 2.8 42.8

51 30.0 10.4 50.4

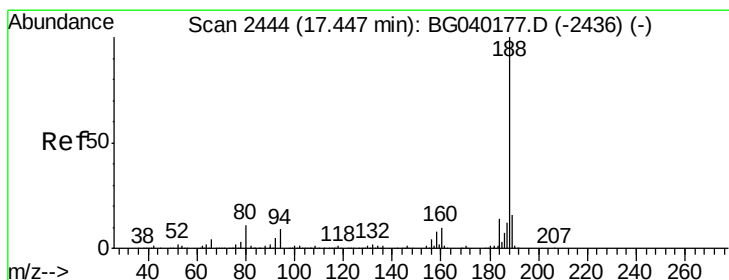
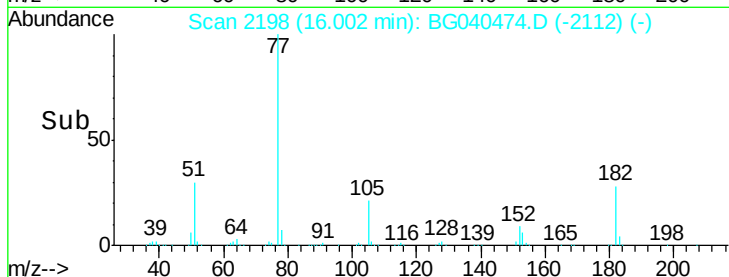
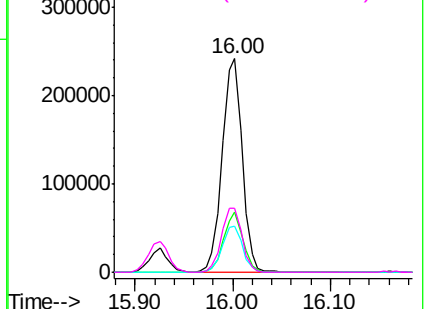


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

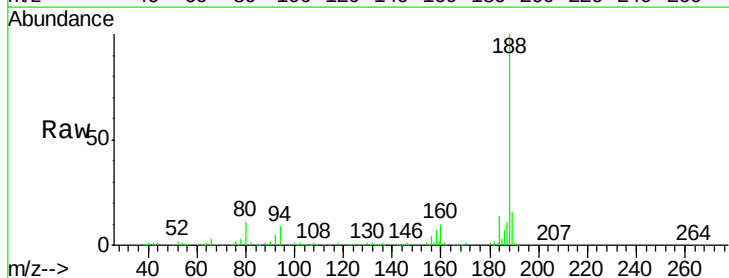
Tgt Ion: 188 Resp: 277627

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.4

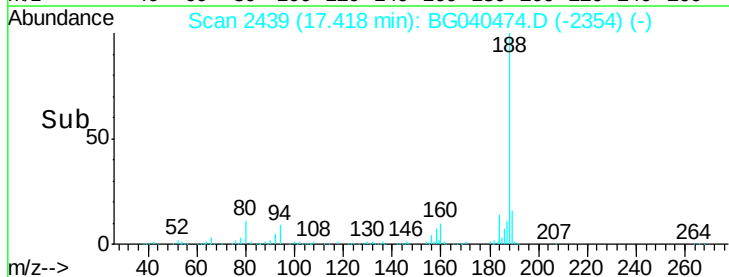
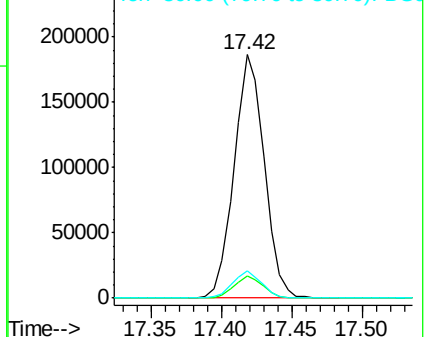
80 11.1 8.6 13.0

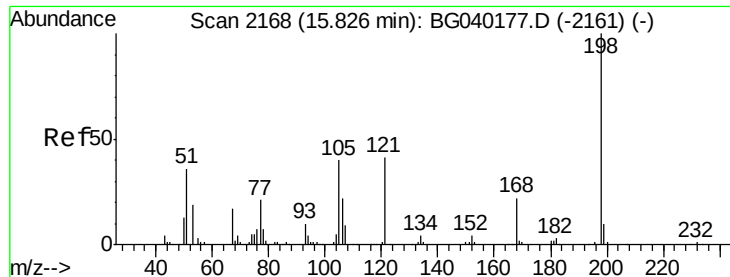


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 26.839 ng

RT: 15.80 min Scan# 2164

Delta R.T. -0.02 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

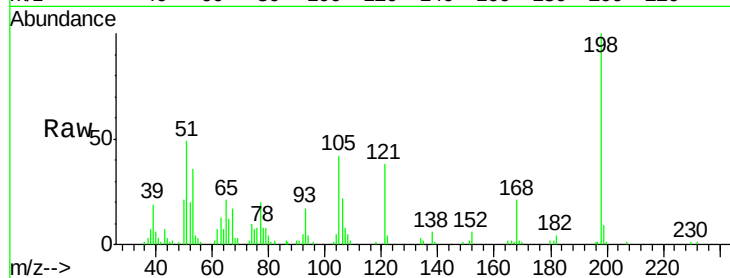
Instrument :

BNA_G

ClientSampleId :

Tot Ion:198 Resp: 41863

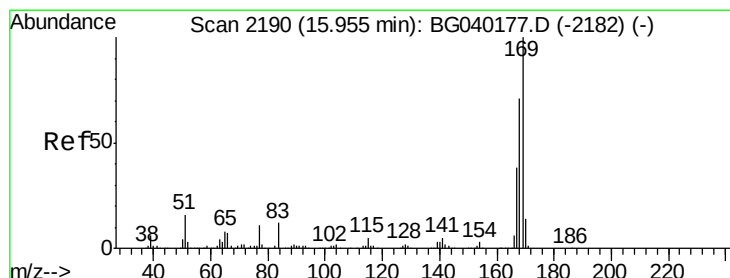
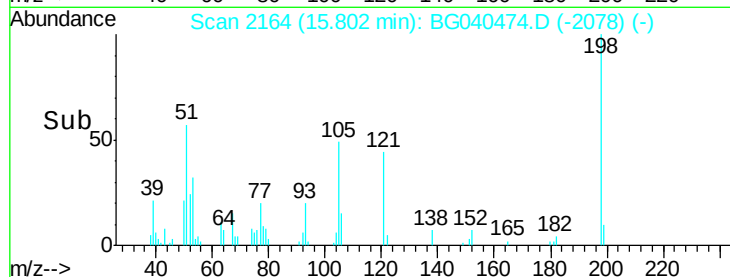
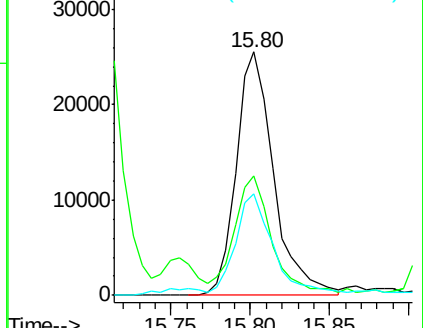
Ion	Ratio	Lower	Upper
198	100		
51	49.3	27.3	67.3
105	41.9	21.7	61.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 39.635 ng

RT: 15.93 min Scan# 2185

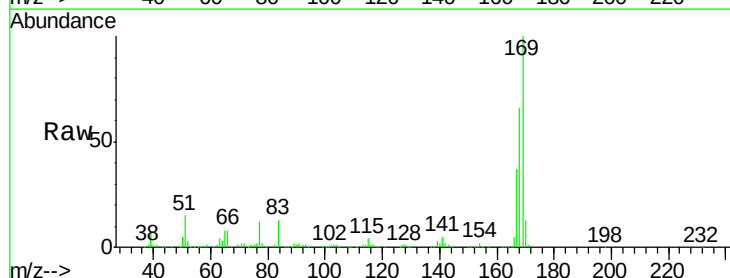
Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Tgt Ion:169 Resp: 321998

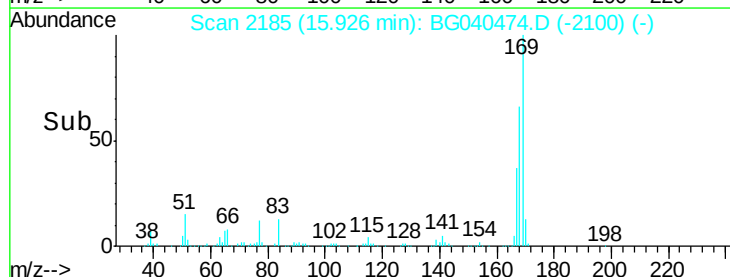
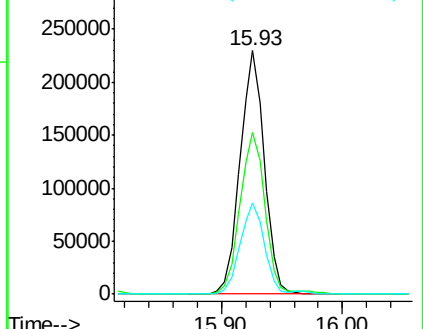
Ion	Ratio	Lower	Upper
169	100		
168	66.5	56.8	85.2
167	37.2	30.2	45.4

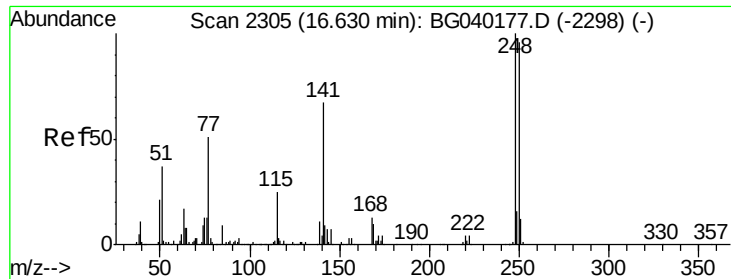


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

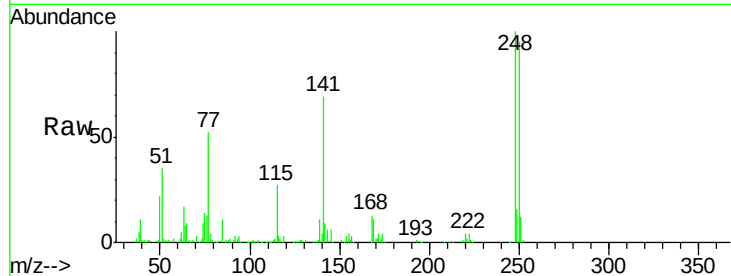




#67
 4-Bromophenyl-phenylether
 Concen: 38.310 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.03 min
 Lab File: BG040474.D
 Acq: 12 Apr 2019 23:32

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.1	76.4	114.6
141	69.0	53.8	80.8

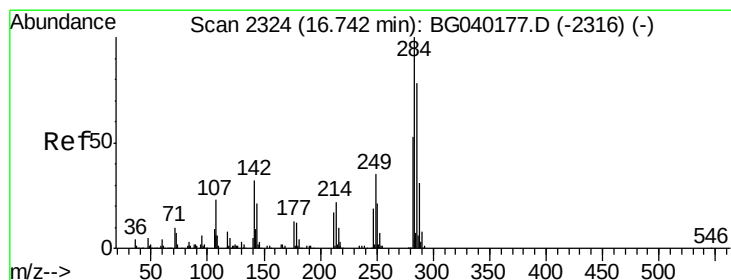
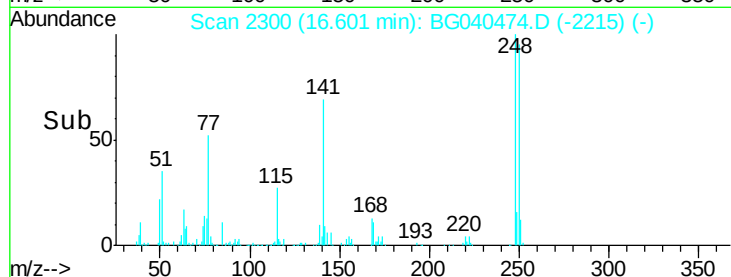
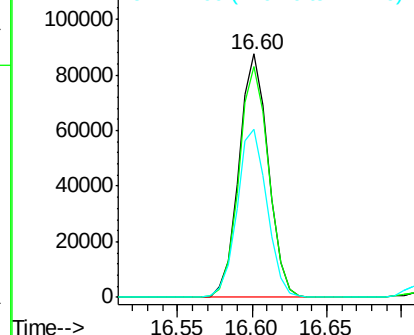


Abundance

Ion 248.00 (247.70 to 248.70): E

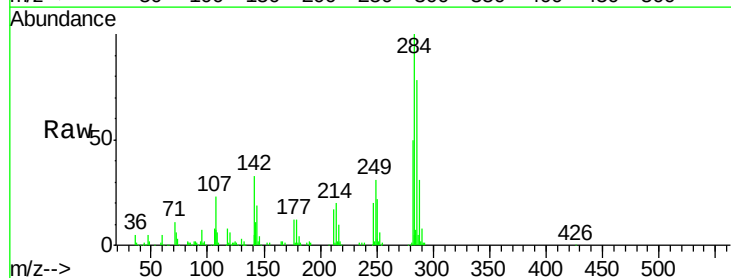
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 39.318 ng
 RT: 16.71 min Scan# 2319
 Delta R.T. -0.03 min
 Lab File: BG040474.D
 Acq: 12 Apr 2019 23:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.9	25.3	37.9
249	31.3	28.2	42.2

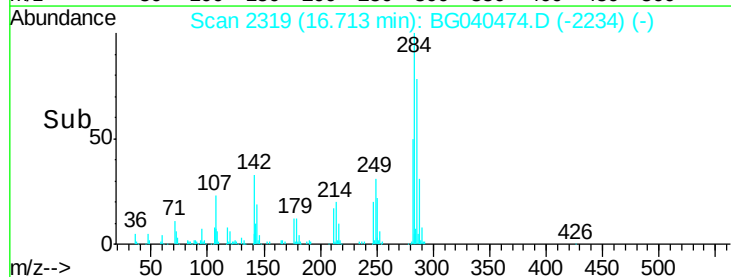
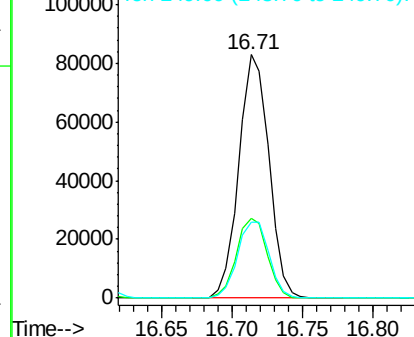


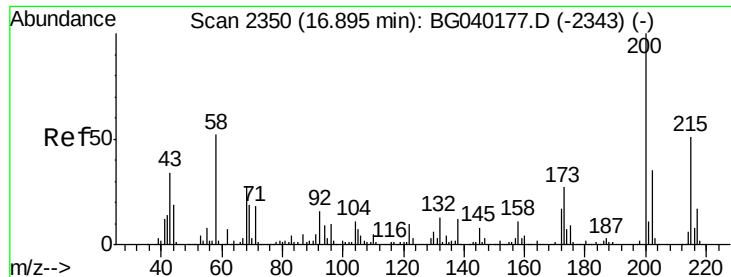
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 40.730 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Instrument :

BNA_G

ClientSampleId :

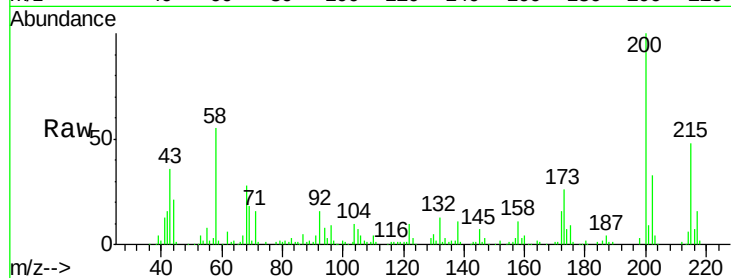
Tot Ion:200 Resp: 123090

Ion	Ratio	Lower	Upper
200	100		
173	26.2	7.1	47.1
215	47.9	30.9	70.9

200 100

173 26.2 7.1 47.1

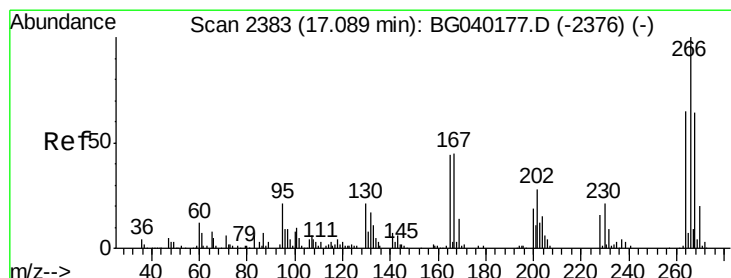
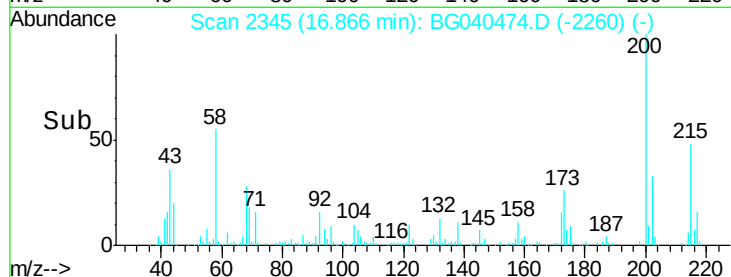
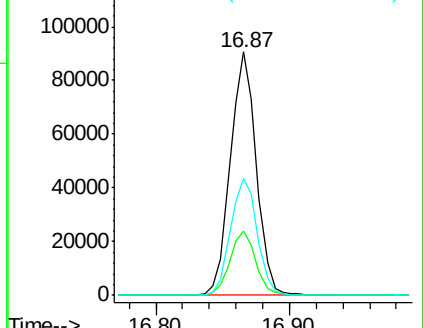
215 47.9 30.9 70.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 56.164 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

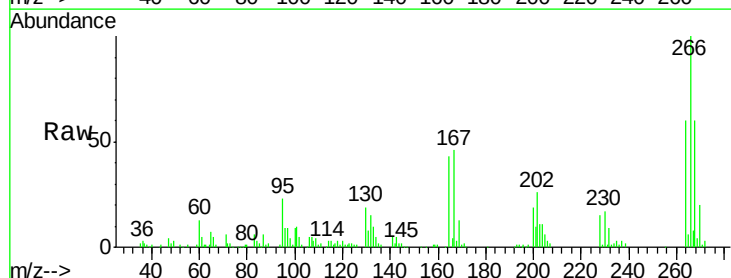
Tgt Ion:266 Resp: 102000

Ion	Ratio	Lower	Upper
266	100		
268	64.7	55.0	82.4
264	59.7	51.8	77.8

266 100

268 64.7 55.0 82.4

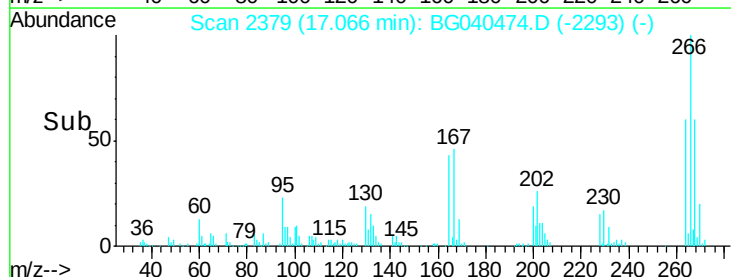
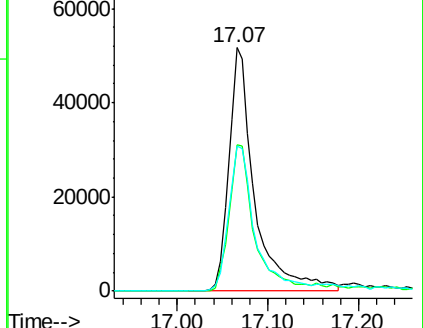
264 59.7 51.8 77.8

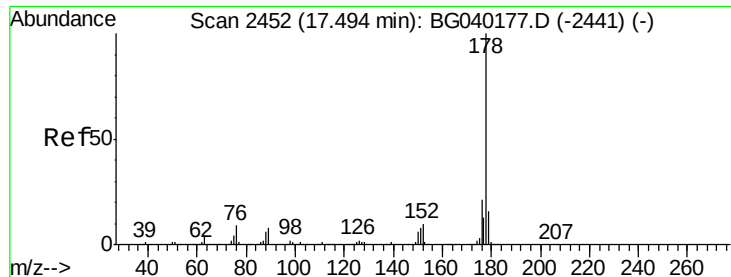


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

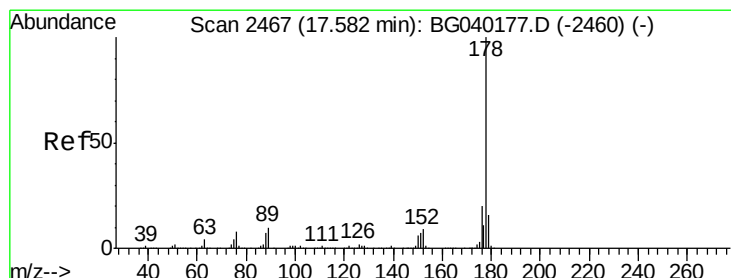
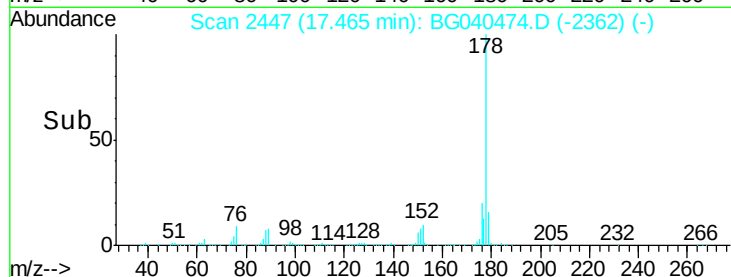
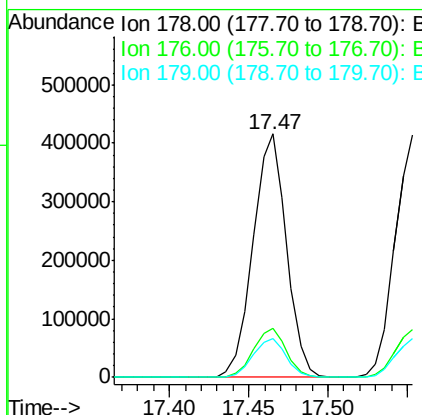
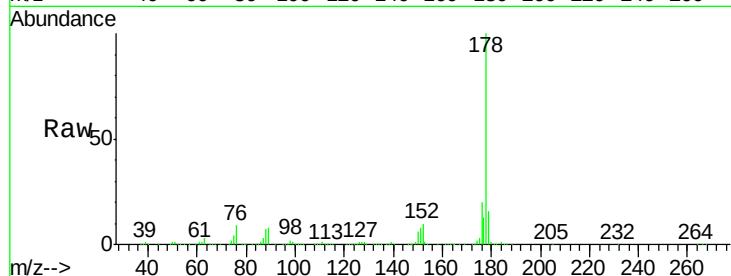




#71
Phenanthrene
Concen: 41.731 ng
RT: 17.47 min Scan# 2447
Delta R.T. -0.03 min
Lab File: BG040474.D
Acq: 12 Apr 2019 23:32

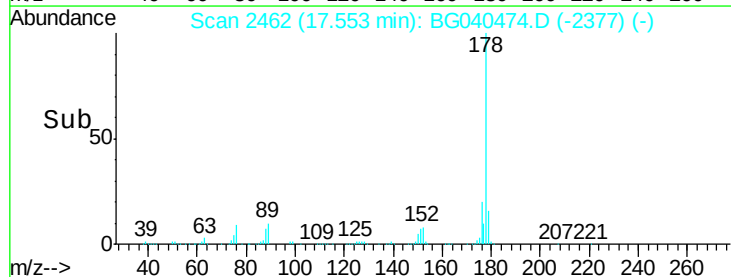
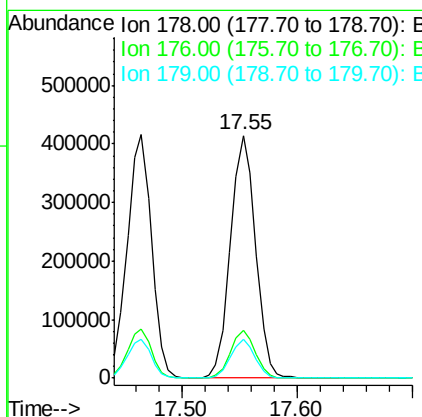
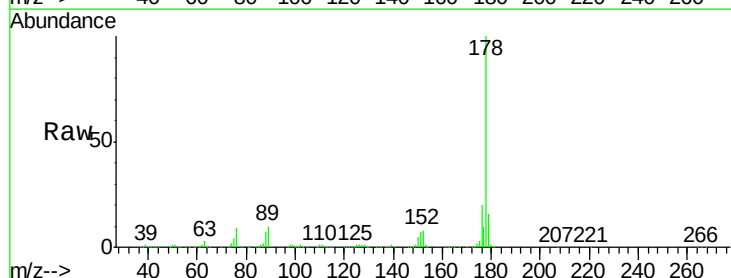
Instrument :
BNA_G
ClientSampleId :

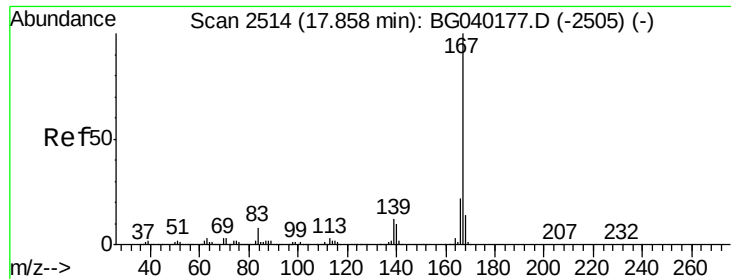
Tot Ion:178 Resp: 608961
Ion Ratio Lower Upper
178 100
176 20.4 16.7 25.1
179 15.9 12.8 19.2



#72
Anthracene
Concen: 42.747 ng
RT: 17.55 min Scan# 2462
Delta R.T. -0.03 min
Lab File: BG040474.D
Acq: 12 Apr 2019 23:32

Tgt Ion:178 Resp: 624358
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.8 12.9 19.3





#73

Carbazole

Concen: 43.944 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Instrument :

BNA_G

ClientSampleId :

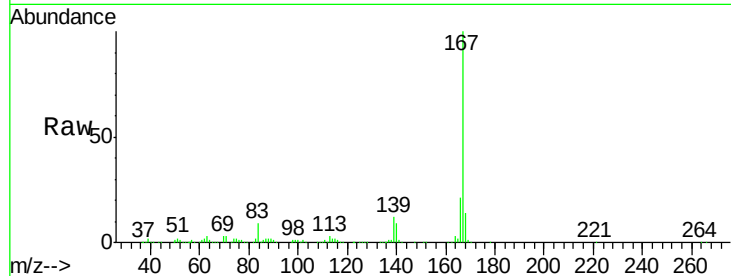
Tot Ion:167 Resp: 607436

Ion Ratio Lower Upper

167 100

166 21.1 17.5 26.3

139 11.8 10.0 15.0

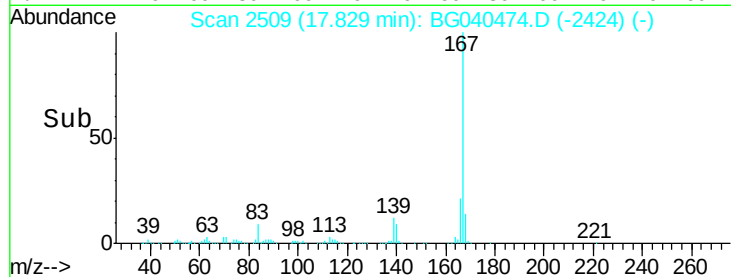


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



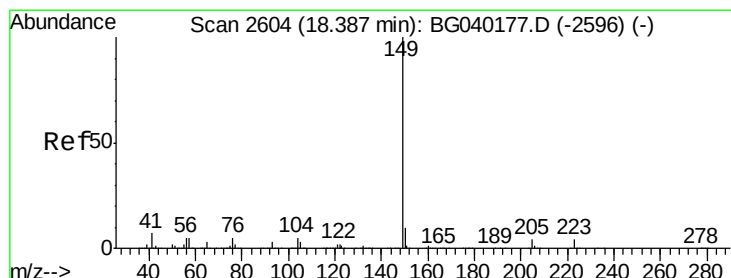
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

Time-->



#74

Di-n-butylphthalate

Concen: 43.804 ng

RT: 18.36 min Scan# 2599

Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

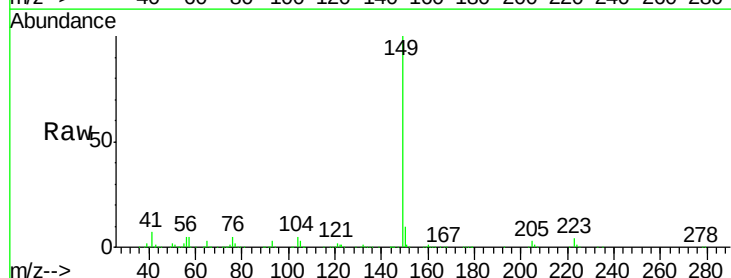
Tgt Ion:149 Resp: 717727

Ion Ratio Lower Upper

149 100

150 9.7 7.9 11.9

104 5.1 4.1 6.1

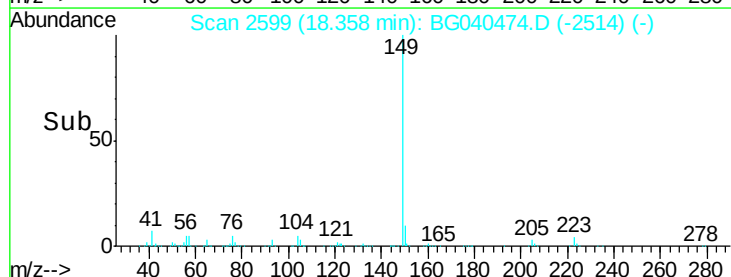


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



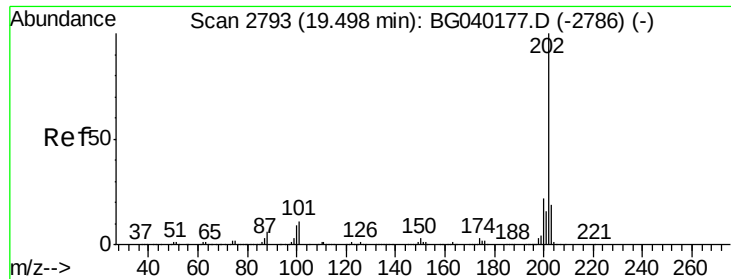
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



#75

Fluoranthene

Concen: 46.841 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Instrument :

BNA_G

ClientSampleId :

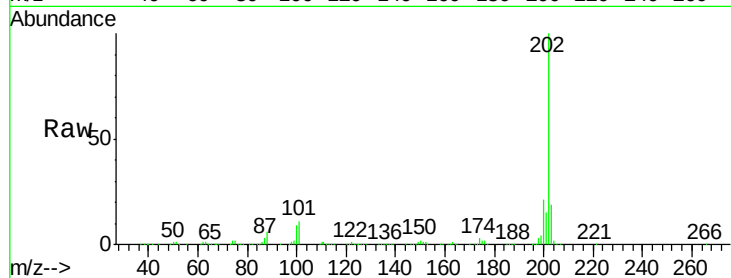
Tot Ion:202 Resp: 809394

Ion Ratio Lower Upper

202 100

101 10.8 0.0 30.8

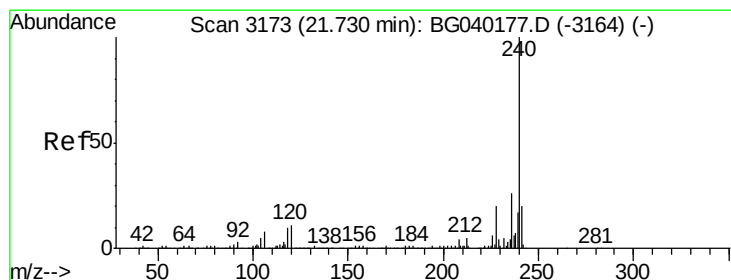
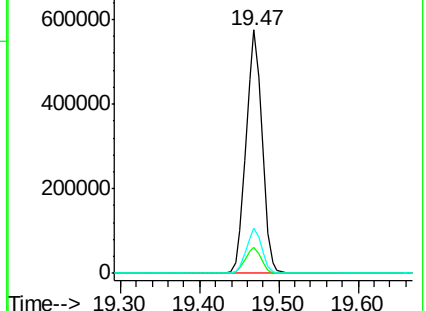
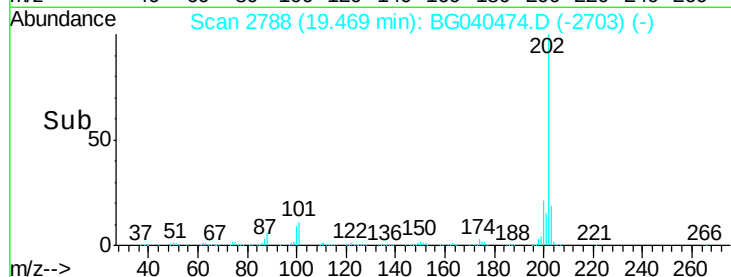
203 18.7 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

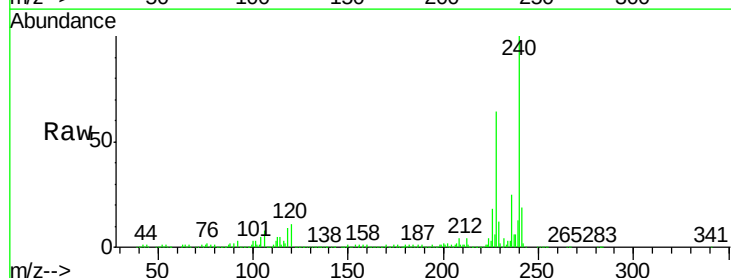
Tgt Ion:240 Resp: 328174

Ion Ratio Lower Upper

240 100

120 11.0 8.4 12.6

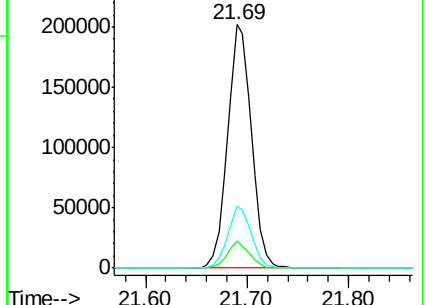
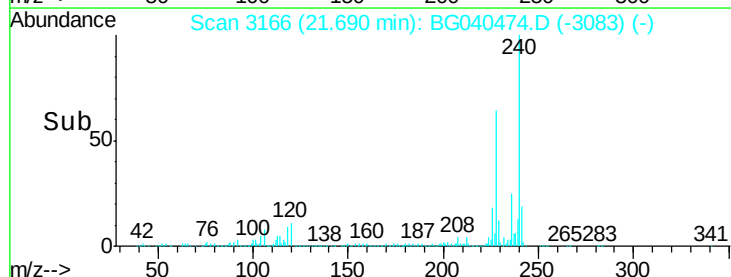
236 25.5 20.8 31.2

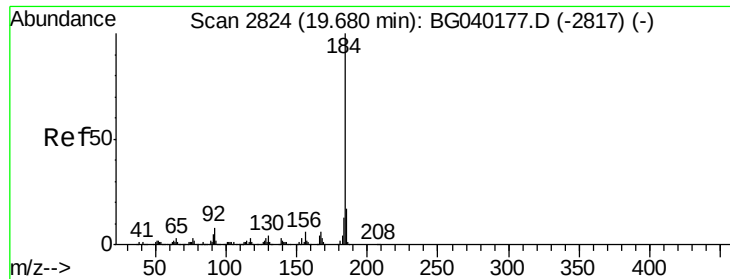


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.603 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.02 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Instrument :

BNA_G

ClientSampleId :

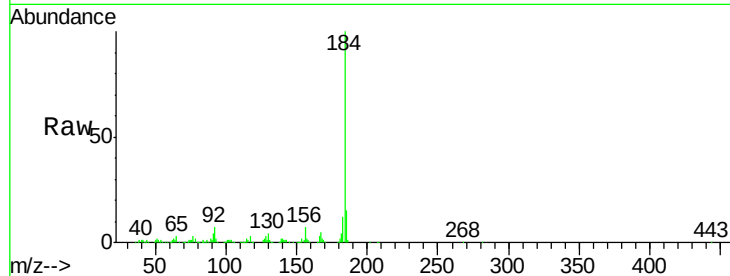
Tot Ion:184 Resp: 279714

Ion Ratio Lower Upper

184 100

185 15.0 13.3 19.9

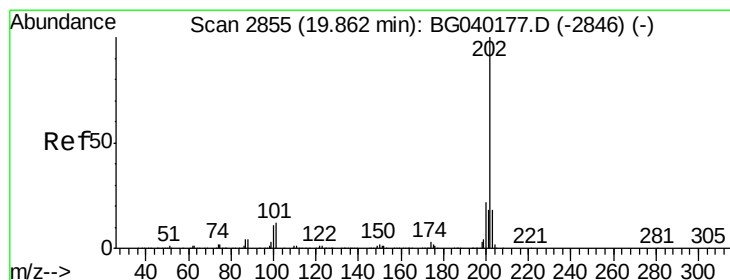
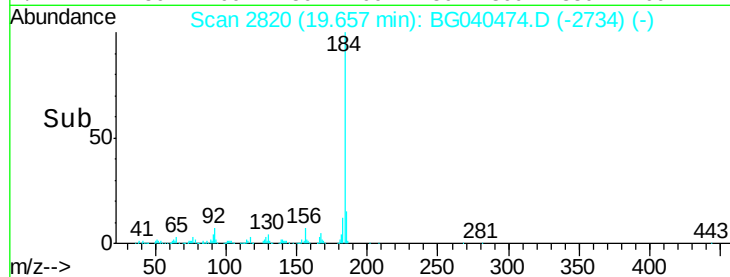
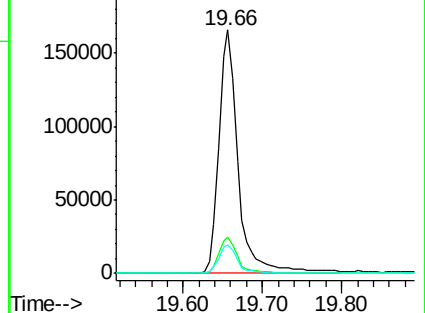
183 11.8 10.3 15.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.032 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

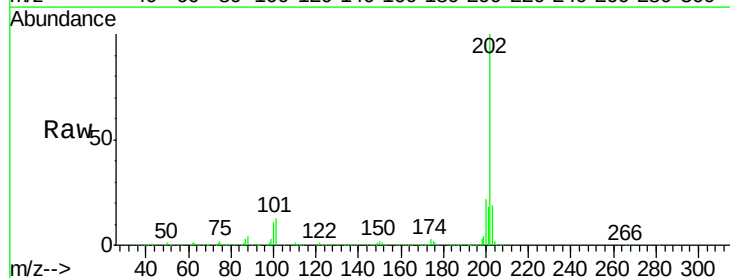
Tgt Ion:202 Resp: 820766

Ion Ratio Lower Upper

202 100

200 21.8 17.3 25.9

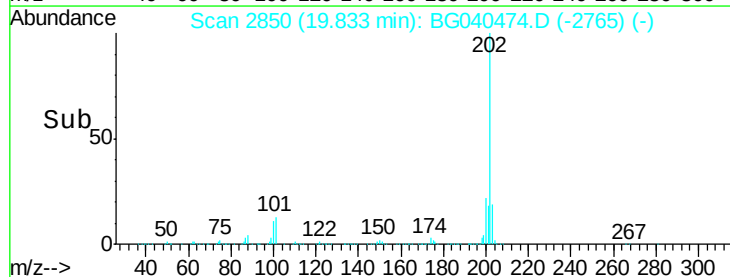
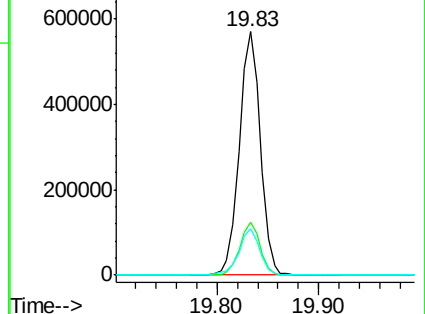
203 19.0 14.6 22.0

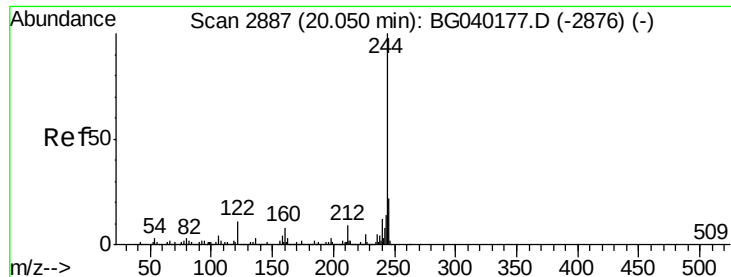


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.349 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Instrument :

BNA_G

ClientSampleId :

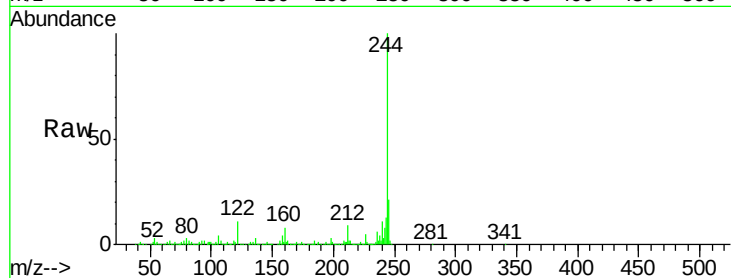
Tot Ion:244 Resp: 1201292

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

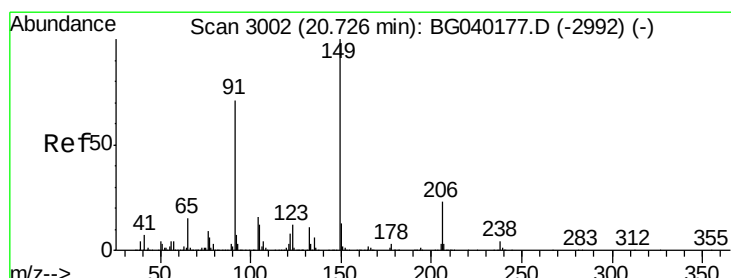
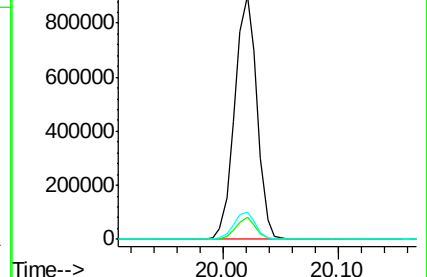
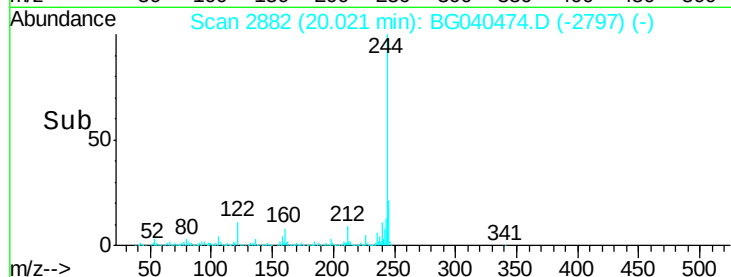
122 11.2 8.5 12.7



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.322 ng

RT: 20.70 min Scan# 2998

Delta R.T. -0.02 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

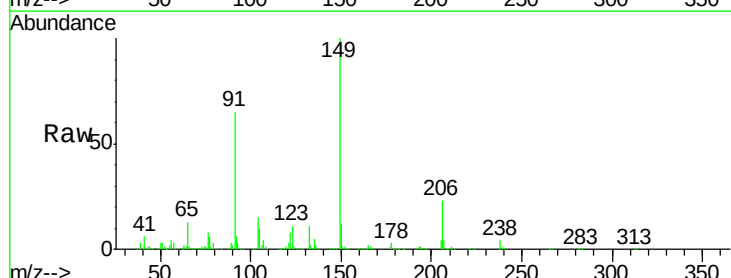
Tgt Ion:149 Resp: 372365

Ion Ratio Lower Upper

149 100

91 65.4 57.0 85.4

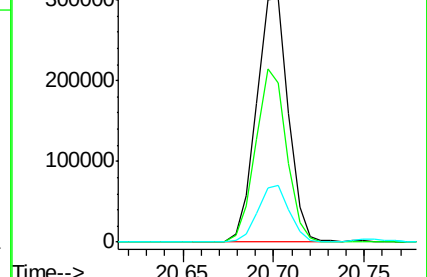
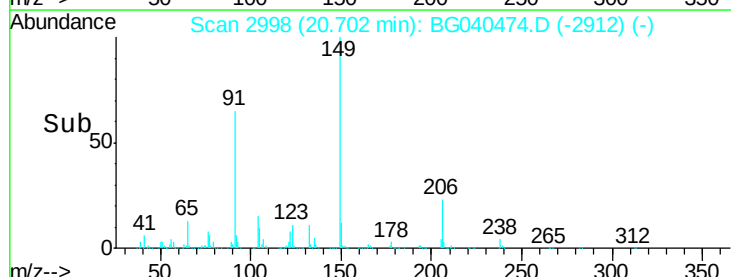
206 23.4 18.2 27.4

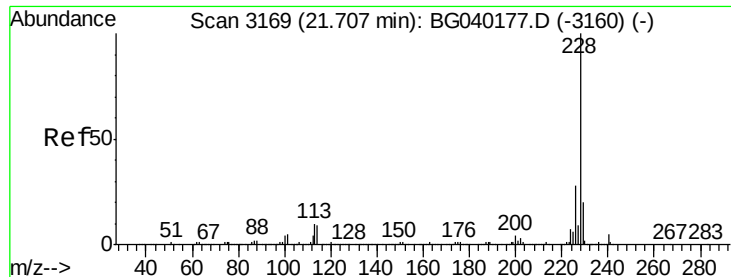


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.378 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Instrument :

BNA_G

ClientSampleId :

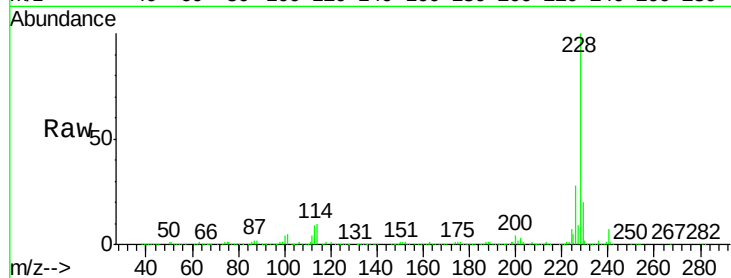
Tot Ion:228 Resp: 795968

Ion Ratio Lower Upper

228 100

226 27.8 22.6 34.0

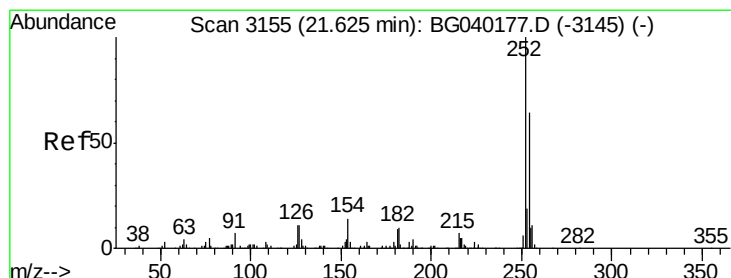
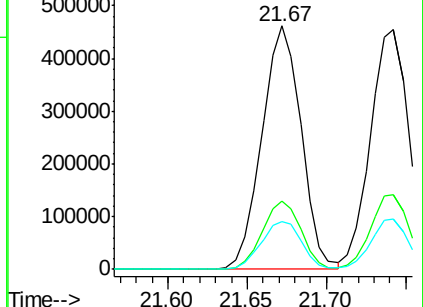
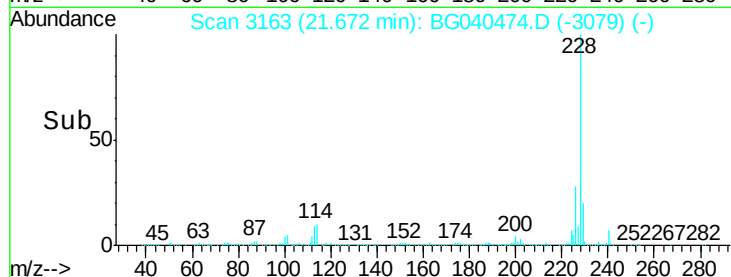
229 19.8 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 25.904 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

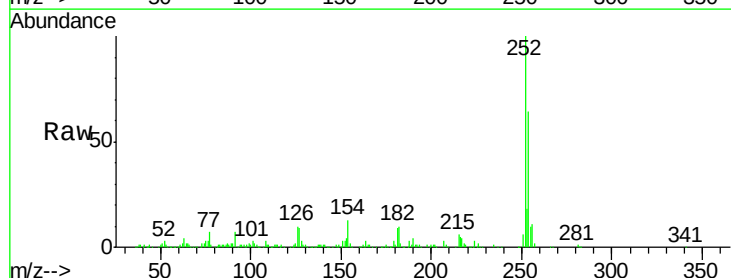
Tgt Ion:252 Resp: 199186

Ion Ratio Lower Upper

252 100

254 64.2 51.4 77.2

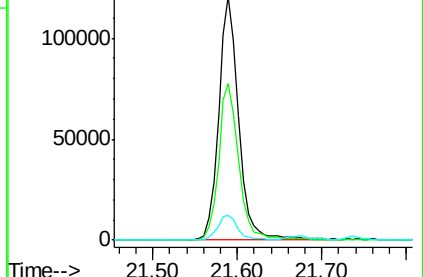
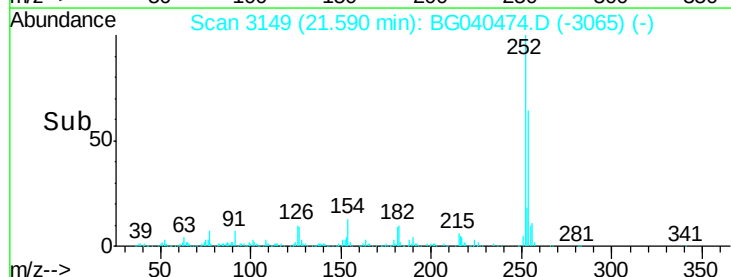
126 9.9 8.5 12.7

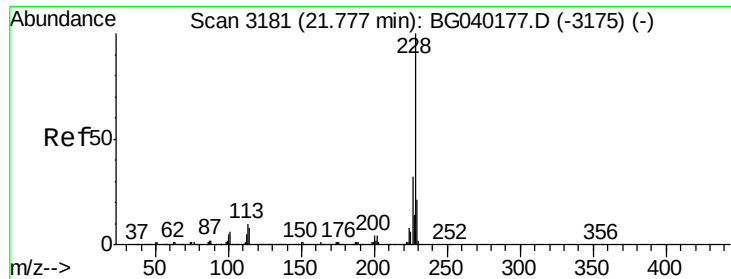


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.840 ng

RT: 21.74 min Scan# 3175

Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

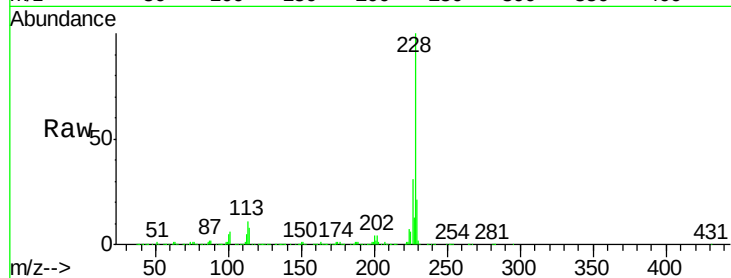
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 773959

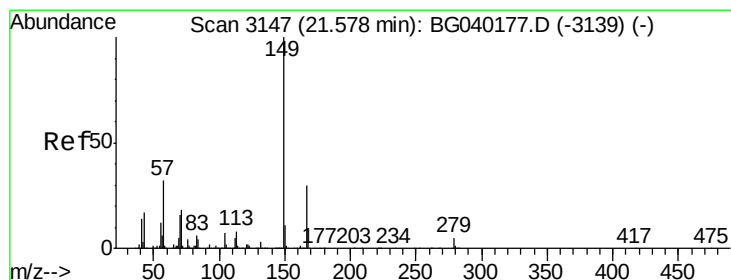
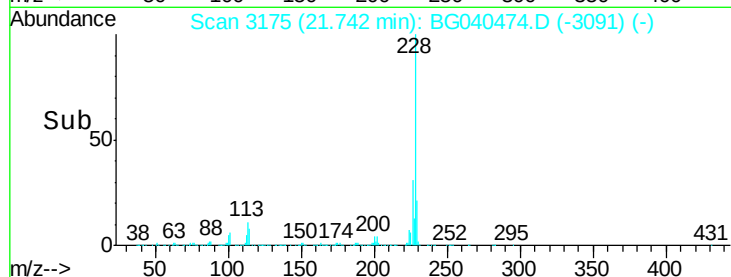
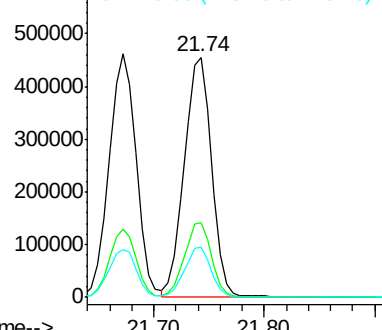
Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	21.1	17.0	25.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.694 ng

RT: 21.54 min Scan# 3141

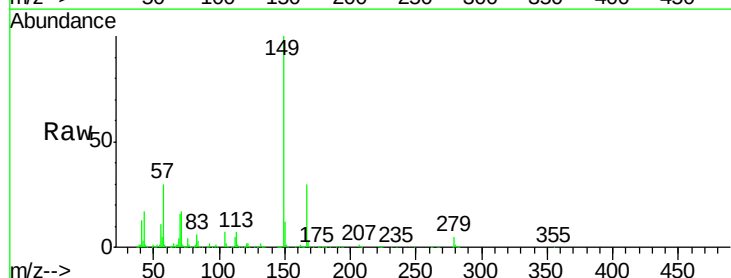
Delta R.T. -0.03 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Tgt Ion:149 Resp: 537195

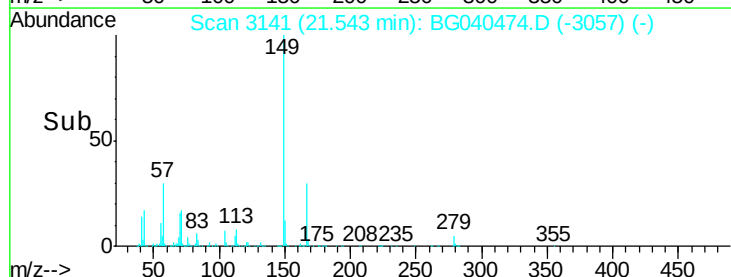
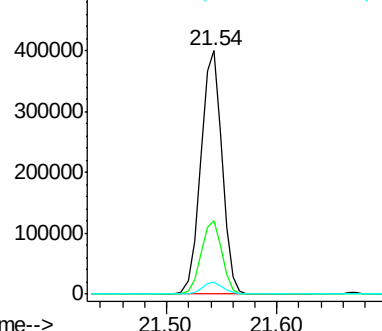
Ion	Ratio	Lower	Upper
149	100		
167	29.9	24.1	36.1
279	4.9	4.1	6.1

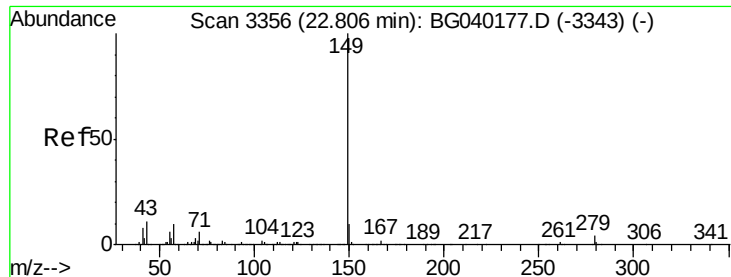


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.423 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.05 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Instrument :

BNA_G

ClientSampleId :

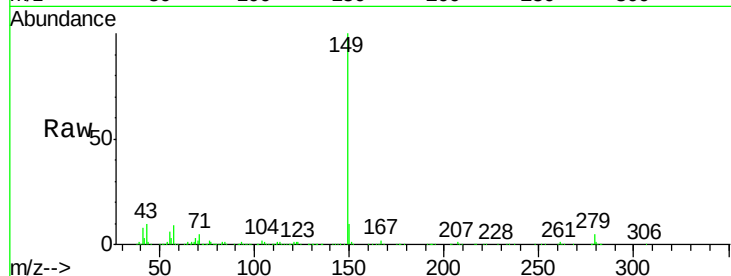
Tot Ion:149 Resp: 931657

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

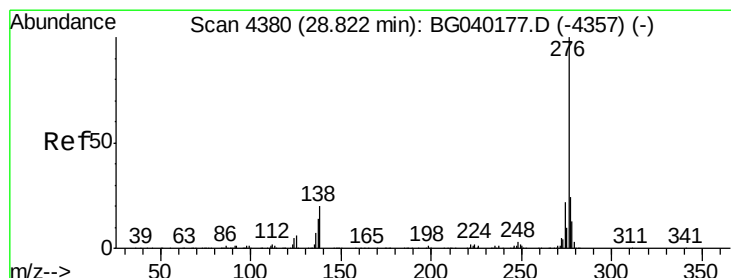
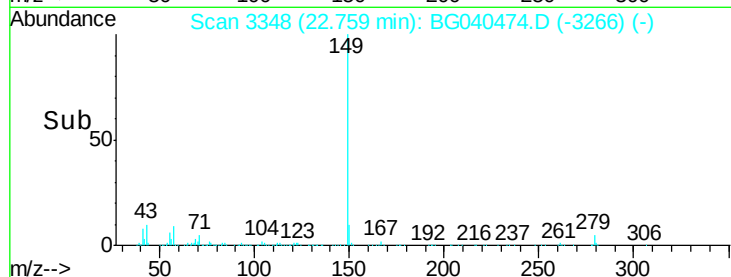
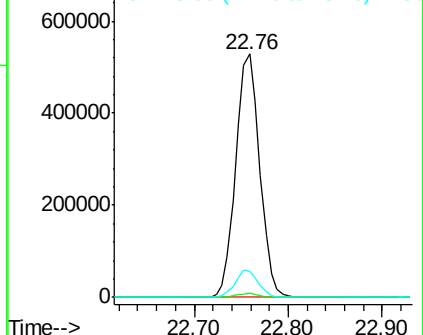
43 10.7 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.748 ng

RT: 28.72 min Scan# 4363

Delta R.T. -0.10 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

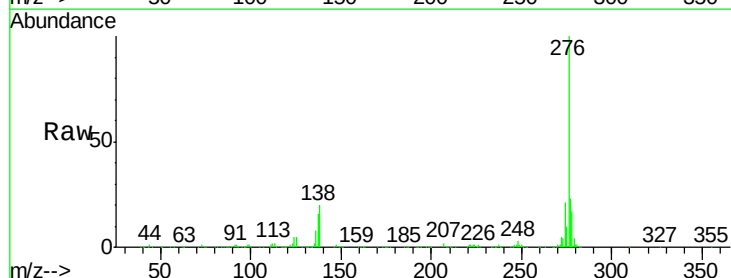
Tgt Ion:276 Resp: 944412

Ion Ratio Lower Upper

276 100

138 16.0 18.8 28.2#

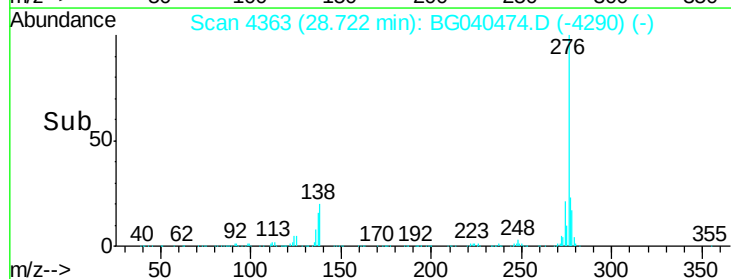
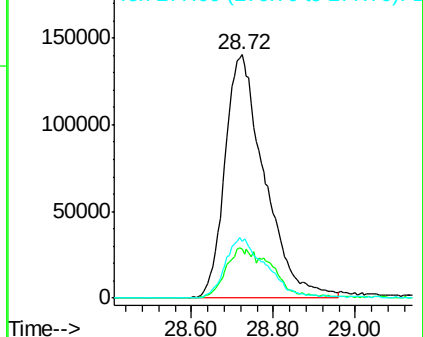
277 25.5 21.0 31.4

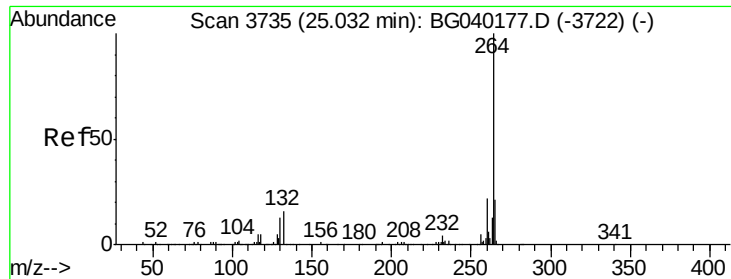


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

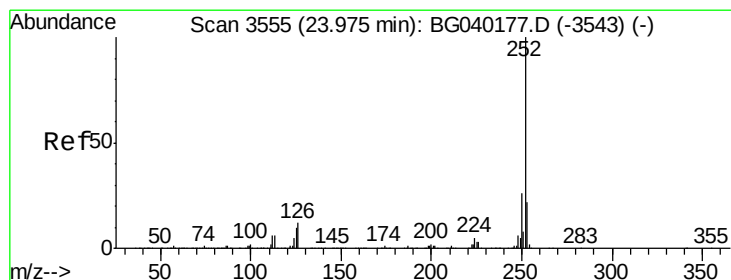
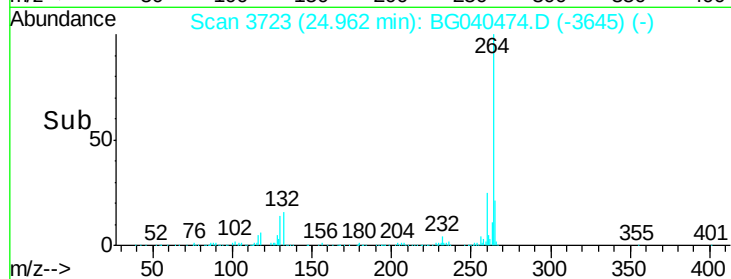
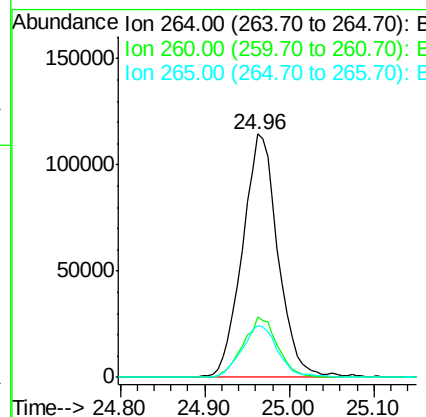
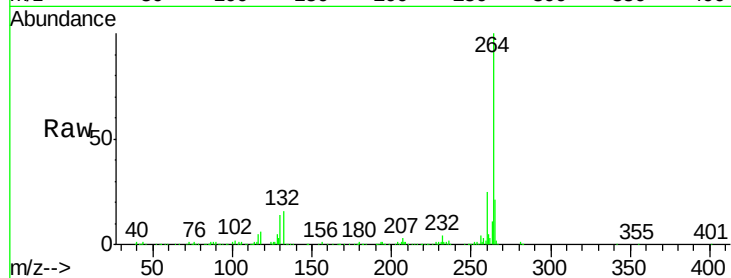




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3723
Delta R.T. -0.07 min
Lab File: BG040474.D
Acq: 12 Apr 2019 23:32

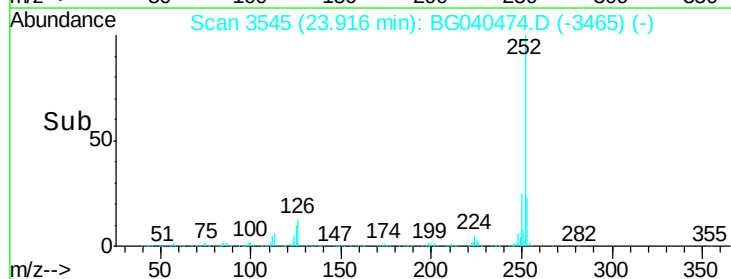
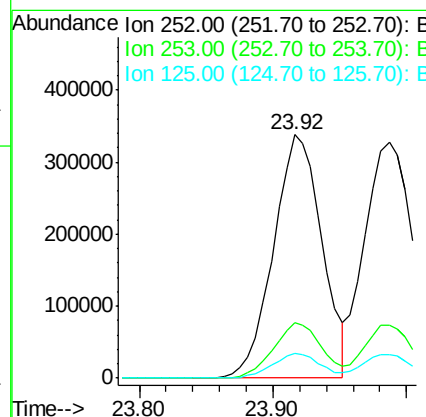
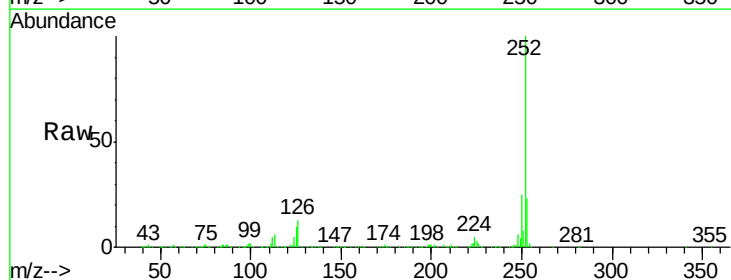
Instrument :
BNA_G
ClientSampleId :

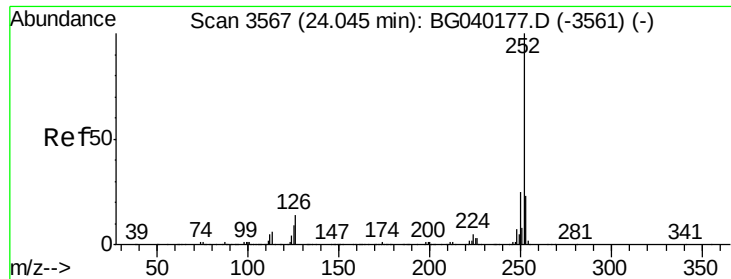
Tot Ion:264 Resp: 333783
Ion Ratio Lower Upper
264 100
260 24.7 17.9 26.9
265 20.9 16.8 25.2



#88
Benzo(b)fluoranthene
Concen: 41.568 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.06 min
Lab File: BG040474.D
Acq: 12 Apr 2019 23:32

Tgt Ion:252 Resp: 849468
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 10.0 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 44.206 ng

RT: 23.99 min Scan# 3557

Delta R.T. -0.06 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

Instrument :

BNA_G

ClientSampled :

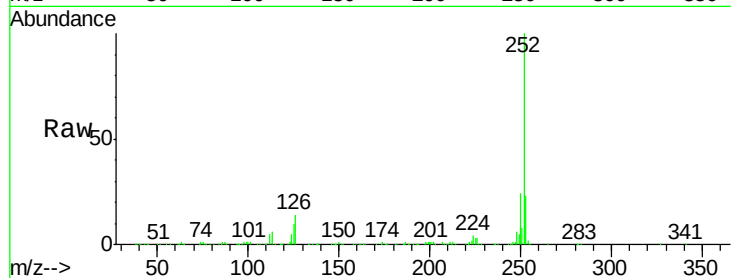
Tot Ion:252 Resp: 830758

Ion Ratio Lower Upper

252 100

253 22.7 18.6 28.0

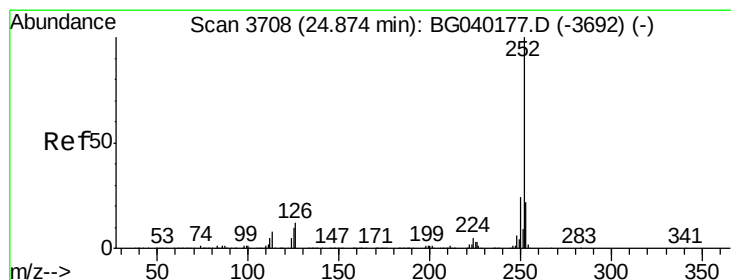
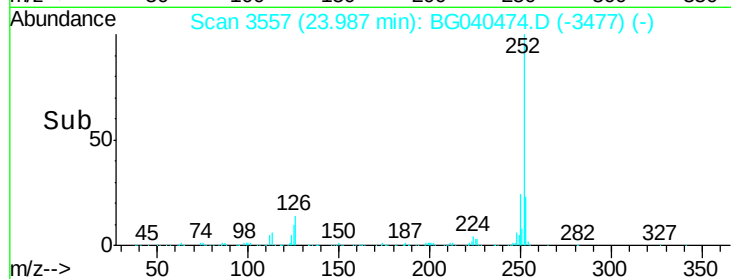
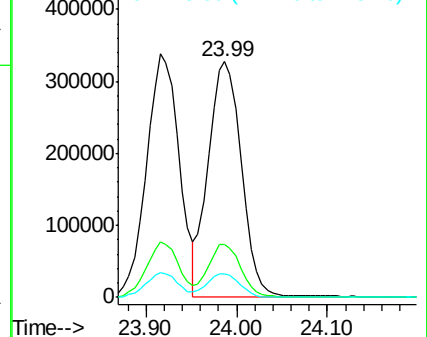
125 10.0 7.3 10.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 43.838 ng

RT: 24.81 min Scan# 3697

Delta R.T. -0.06 min

Lab File: BG040474.D

Acq: 12 Apr 2019 23:32

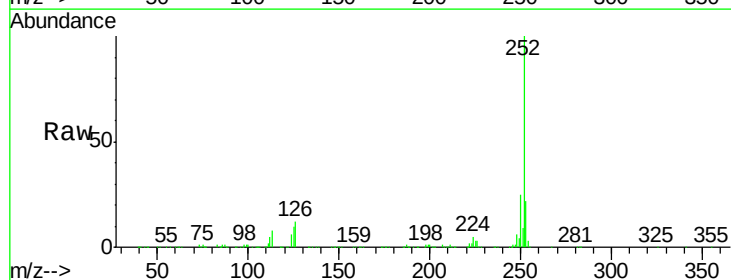
Tgt Ion:252 Resp: 840534

Ion Ratio Lower Upper

252 100

253 21.9 17.8 26.8

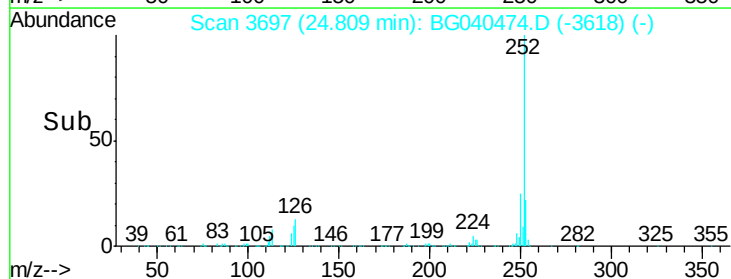
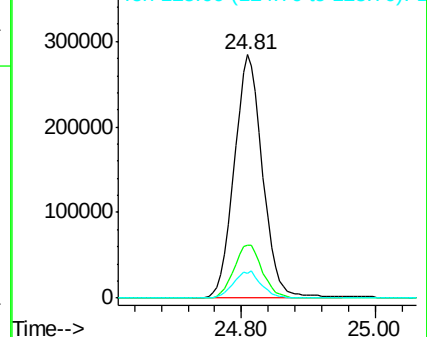
125 10.4 8.3 12.5

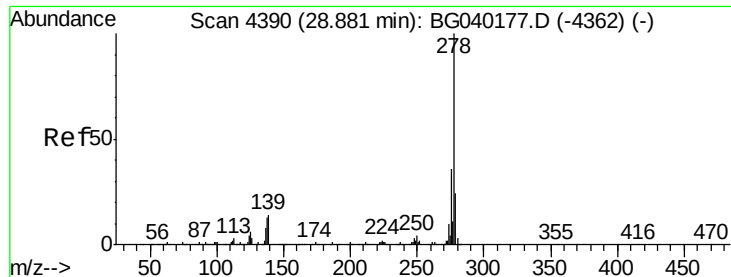


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

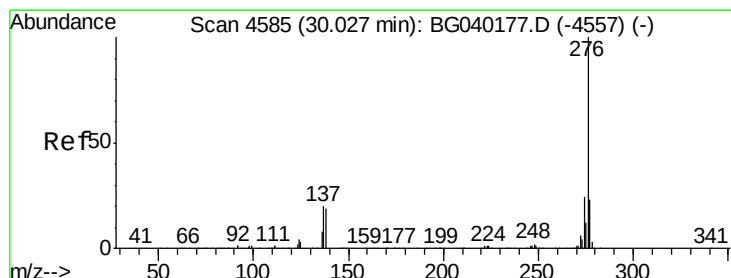
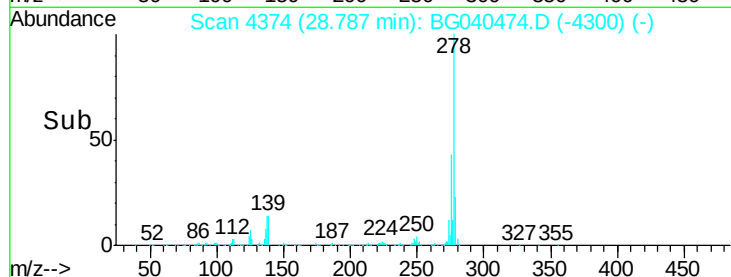
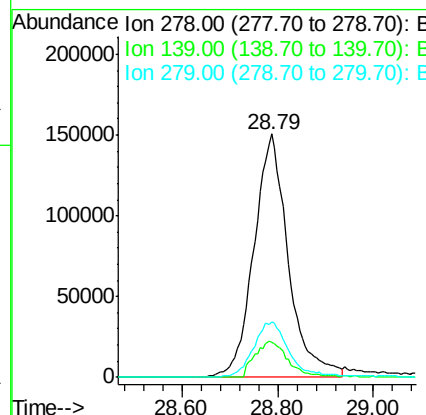
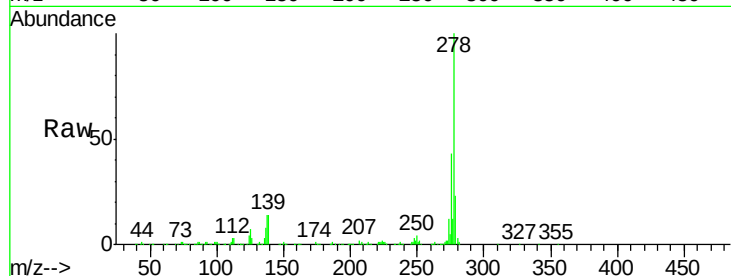




#91
Dibenzo(a,h)anthracene
Concen: 42.255 ng
RT: 28.79 min Scan# 4374
Delta R.T. -0.09 min
Lab File: BG040474.D
Acq: 12 Apr 2019 23:32

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.2	16.8
279	22.8	18.9	28.3



#92
Benzo(g,h,i)perylene
Concen: 42.116 ng
RT: 29.90 min Scan# 4564
Delta R.T. -0.12 min
Lab File: BG040474.D
Acq: 12 Apr 2019 23:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.0	18.6	28.0
138	22.5	15.2	22.8

